

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML-47087	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: Enduring Resources, LLC				9. WELL NAME and NUMBER: Rock House 11-23-31-2	
3. ADDRESS OF OPERATOR: 475 17th St., Ste 1500 CITY Denver STATE CO ZIP 80220			PHONE NUMBER: (303) 350-5114	10. FIELD AND POOL, OR WILDCAT: Undesignated	
4. LOCATION OF WELL (FOOTAGES) 644560 X 4416825 Y 39.891068 - 109.301237 AT SURFACE: 2606' FNL - 2492' FEL SWNE AT PROPOSED PRODUCING ZONE: 1258' FNL - 1984' FEL NWNE 644708 X 4417239 Y 39.894767 - 109.307409				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 2 11S 23E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 75.7 miles from Vernal, Utah				12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 2492' BHL		16. NUMBER OF ACRES IN LEASE: 640		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1200'+ BHL (surface is 25')		19. PROPOSED DEPTH: 7,435		20. BOND DESCRIPTION: RLB0008031	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5564 KB-RT		22. APPROXIMATE DATE WORK WILL START: 7/1/2006		23. ESTIMATED DURATION: 20 days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
20"	14" line pipe	40	3 yards Ready Mix
11"	8-5/8" J-55 24#	2,000	Premium Lead 138 sxs 3.50 11.1
			Premium Tail 138 sxs 1.15 15.8
7-7/8"	4-1/2" N-80 11.6#	7,435	Class G 100 sxs 3.3 11.0
			50/50 Poz Class G 837 sxs 1.56 14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |
|--|--|

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
 SIGNATURE  DATE 4/18/2006

(This space for State use only)

API NUMBER ASSIGNED: 43-047-38031

APPROVAL:

RECEIVED
APR 25 2006

DIV. OF OIL, GAS & MINING

SHEET
2b
OF 11

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

April 18, 2006

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: Ms. Diana Whitney

RE: Request for Exception and Directional Well Locations

Rock House 11-23-31-2

Surface: SWNE Section 2-T11S-R23E

2606' FNL – 2492' FEL

BHL: NWNE Section 2-T11S-R23E

1258' FNL – 1984' FEL

Lse #ML 47087 Uintah Cnty, UT

Rock House 11-23-32-2

Surface: SWNE Section 2-T11S-R23E

2604' FNL – 2767' FEL

BHL: SWNE Section 2-T11S-R23E

2576' FSL – 1982' FEL

Lse #ML 47087 Uintah Cnty, UT

Dear Ms. Whitney:

Enduring Resources, LLC ("ERLLC") is the only leasehold interest owner within 460 feet of any part of the above-referenced proposed wells' proposed well bores.

1. **Both of these wells will be drilled from the same pad to reduce surface impact and avoid drilled on steep slopes,**
2. The subject wells' surface location is only 25 feet apart. However
3. The BHL's will be within each well's 200' drilling window.

ERLLC is the only leasehold interest owner within ALL of Sec 2, therefore,

- A. *ERLLC grants itself permission to directionally drill both wells, and*
- B. *ERLLC also grants itself permission for exception well(s)' surface locations.*

In the event there are any other outstanding matters preventing these APD's from being approved, please let me know at your earliest convenience, 303-350-5114 (aarlian@enduringresources.com).

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

cc: SITLA

RECEIVED

APR 25 2006

DIV. OF OIL, GAS & MINING

Enduring Resources, LLC

Rock House 11-23-31-2D

NW-NE 2-11S-23E (Bottom Hole Location)

SW-NE 2-11S-23E (Surface Location)

Uintah County, Utah

State Lease: ML-47078

ONSHORE ORDER 1 - DRILLING PLAN

1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Uinta	Surface
Green River	329'
Wasatch	3249'
Mesaverde	5089'

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:

Substance	Formation	Depth (K.B.) TVD
	KB-Uinta Elevation: 5564' est.	
Oil / Gas	Green River	329'
Oil /Gas	Wasatch	3249'
Oil /Gas	Mesaverde	5089'
	TD	7435'

An 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: Annular Preventer

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

4. Proposed Casing & Cementing Program:

A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 7435' (KB)

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next 16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
7435' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.64 (d)	7780/2.19 (e)	223/3.01 (f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient
- (f.) based on casing string weight in 9.2 ppg mud

PROPOSED CEMENTING PROGRAM

Surface Casing (if well will circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft³/sx) cement will be premium cement w/ 3% CaCl₂ + 0.25 pps celloflake. Volume as required

Surface Casing (if well will not circulate) - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl ₂ + 0.25 pps celloflake	As Req.		15.8	1.15

Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
4-1/2"	Lead	1133	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	100	25	11.0	3.3
4-1/2"	Tail	4586	50/50 POZ Class G + 2% gel +1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	837	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Drilling Fluids (mud) Program:

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-7435' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. Evaluation Program:

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.

Logging

- Dual Induction – SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML
TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:
TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 3866 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 2231 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. Anticipated Starting Dates:

- Anticipated Commencement Date- Within one year of APD issue.
- Drilling Days- Approximately 10 days
- Completion Days - Approximately 10 days
- Anticipate location construction within 30 days of permit issue.

9. Variances:

None anticipated

10. Other:

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

A measurement while drilling (MWD) system will be used to track and control the directional path of the wellbore.

ENDURING RESOURCES
Rock House 11-23-31-2D & Rock House 11-23-32-2D
Section 2, T11S, R23E, S.L.B.&M.

FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND 500 EAST STREET IN VERNAL, UTAH PROCEED IN AN EASTERLY THEN SOUTHERLY DIRECTION ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.3 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 45 APPROXIMATELY 40.5 MILES TO THE JUNCTION OF THE DRAGON ROAD (COUNTY B ROAD 4180). THIS ROAD IS LOCATED APPROXIMATELY 4.8 MILES SOUTH OF BONANZA, UTAH. EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4180 APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THE KINGS WELLS ROAD (COUNTY B ROAD 4190). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 4190 APPROXIMATELY 8.7 MILES TO THE JUNCTION OF THE ATCHEE RIDGE ROAD (COUNTY B ROAD 4270). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THE LONG DRAW ROAD (COUNTY B ROAD 4260). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE JUNCTION OF COUNTY B ROAD 4160. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4160 APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THE BITTER CREEK ROAD (COUNTY B ROAD 4120). EXIT LEFT AND PROCEED IN A WESTERLY DIRECTION ALONG COUNTY B ROAD 4120 APPROXIMATELY 1.9 MILES TO THE JUNCTION OF COUNTY B ROAD 4230. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THE ATCHEES WASH ROAD (COUNTY B ROAD 4240). EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4240 APPROXIMATELY 6.6 MILES TO THE INTERSECTION OF A SERVICE ROAD. EXIT RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG THE SERVICE ROAD APPROXIMATELY 0.7 MILES TO THE PROPOSED ACCESS ROAD FOR THE ROCK HOUSE 10-23-43-2D LOCATION. FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 1,580 FEET TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 200 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 75.7 MILES IN A SOUTHEASTERLY DIRECTION.



ENDURING RESOURCES
Rock House 11-23-31-2
SW/NE, Sec. 2, T11S, R23E
Uintah County, Utah



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	20.88	0.00	0.00	0.00	0.00	0.00	0.00	
2	2072.00	0.00	20.88	2072.00	0.00	0.00	0.00	0.00	0.00	KOP
3	3150.90	53.95	20.88	2998.42	440.52	168.04	5.00	20.88	471.48	End Build
4	3624.18	53.95	20.88	3276.97	798.01	304.41	0.00	0.00	854.10	Start Drop
5	4972.82	0.00	20.88	4435.00	1348.66	514.46	4.00	180.00	1443.45	Start Hold
6	7972.82	0.00	20.88	7435.00	1348.66	514.46	0.00	20.88	1443.45	TD

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Rock House 11-23-31-2	0.00	0.00	7136571.90	2254850.04	39°53'27.740N	109°18'35.730W	N/A

FIELD DETAILS

Uintah, Utah
Utah Central Zone
U.S.A.

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igrf2005

System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

SW/NE 2-11S-23E
Sec. 2, T11S, R23E, Uintah County, Utah
2606 FNL & 2492 FEL

Site Centre Latitude: 39°53'27.740N
Longitude: 109°18'35.730W

Ground Level: 5547.80
Positional Uncertainty: 0.00

TARGET DETAILS

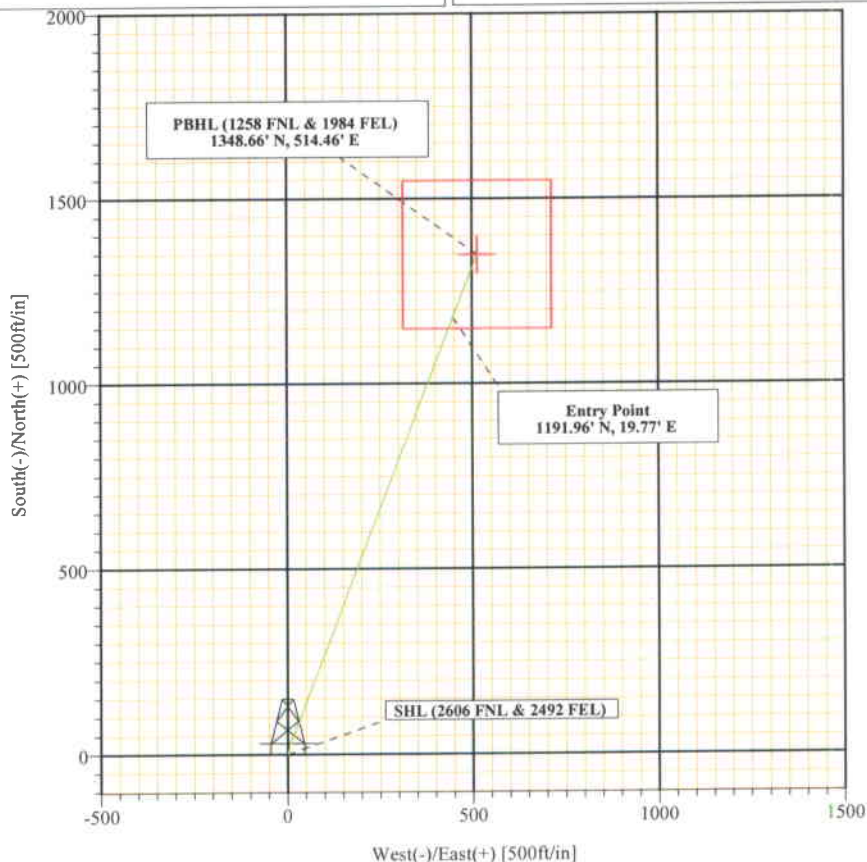
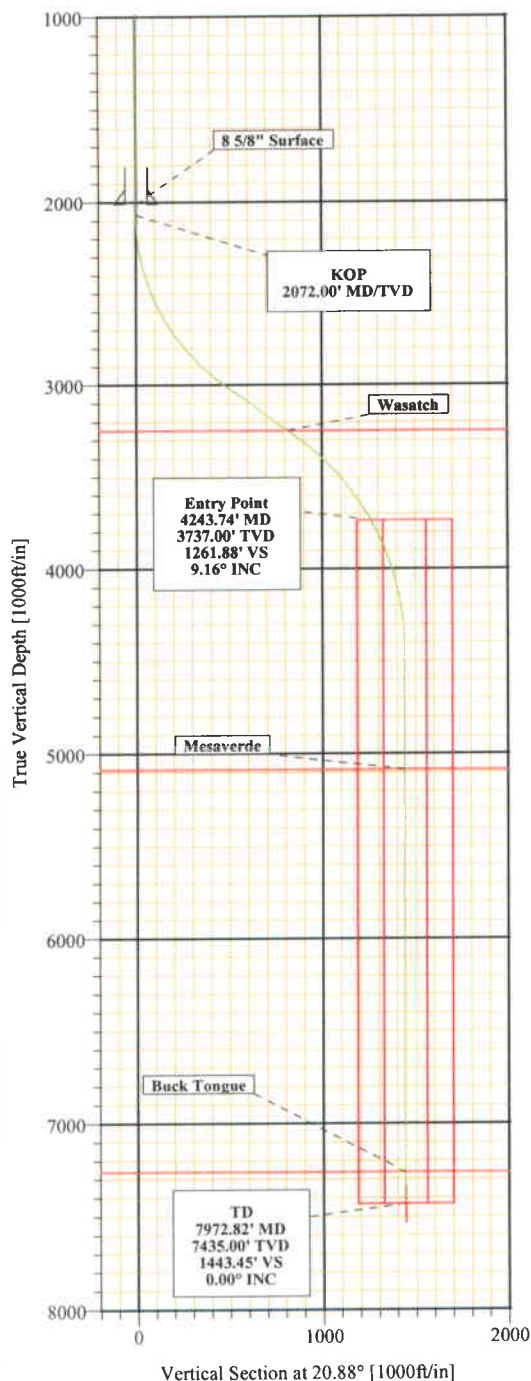
Name	TVD	+N/-S	+E/-W	Shape
Target	7435.00	1348.66	514.46	Rectangle (400x400)

CASING DETAILS

No.	TVD	MD	Name	Size
1	2012.00	2012.00	8 5/8" Surface	8.625

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	329.00	329.00	Green River
2	3249.00	3576.66	Wasatch
3	5089.00	5626.82	Mesaverde
4	7264.00	7801.82	Buck Tongue



Weatherford International

Planning Report

Company: Enduring Resources		Date: 3/21/2006		Time: 14:00:29		Page: 1	
Field: Uintah, Utah		Co-ordinate(NE) Reference: Well: Rock House 11-23-31-2, True North					
Site: SW/NE 2-11S-23E		Vertical (TVD) Reference: SITE 5564.0					
Well: Rock House 11-23-31-2		Section (VS) Reference: Well (0.00N,0.00E,20.88Azi)					
Wellpath: 1		Plan: Plan #1					

Field: Uintah, Utah Utah Central Zone U.S.A.		Map Zone: Utah, Central Zone	
Map System: US State Plane Coordinate System 1983		Coordinate System: Well Centre	
Geo Datum: GRS 1980		Geomagnetic Model: igrf2005	
Sys Datum: Mean Sea Level			

Site: SW/NE 2-11S-23E Sec. 2, T11S, R23E, Uintah County, Utah 2606 FNL & 2492 FEL			
Site Position:	Northing: 7136571.90 ft	Latitude: 39 53 27.740 N	
From: Geographic	Easting: 2254850.04 ft	Longitude: 109 18 35.730 W	
Position Uncertainty: 0.00 ft		North Reference: True	
Ground Level: 5547.80 ft		Grid Convergence: 1.40 deg	

Well: Rock House 11-23-31-2		Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 7136571.90 ft	Latitude: 39 53 27.740 N	
+E/-W 0.00 ft	Easting: 2254850.04 ft	Longitude: 109 18 35.730 W	
Position Uncertainty: 0.00 ft			

Wellpath: 1		Drilled From: Surface	
Current Datum: SITE	Height 5564.00 ft	Tie-on Depth: 0.00 ft	
Magnetic Data: 3/20/2006		Above System Datum: Mean Sea Level	
Field Strength: 52874 nT		Declination: 11.64 deg	
Vertical Section: Depth From (TVD)	+N/-S	Mag Dip Angle: 65.95 deg	
ft	ft	+E/-W	Direction
		ft	deg
0.00	0.00	0.00	20.88

Plan: Plan #1		Date Composed: 3/20/2006	
Principal: Yes		Version: 1	
		Tied-to: From Surface	

Plan Section Information										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Bulld deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	20.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2072.00	0.00	20.88	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	
3150.90	53.95	20.88	2998.42	440.52	168.04	5.00	5.00	0.00	20.88	
3624.18	53.95	20.88	3276.97	798.01	304.41	0.00	0.00	0.00	0.00	
4972.82	0.00	20.88	4435.00	1348.66	514.46	4.00	-4.00	0.00	180.00	
7972.82	0.00	20.88	7435.00	1348.66	514.46	0.00	0.00	0.00	20.88	Target

Section 1 : Start Hold										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Bulld deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	20.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000.00	0.00	20.88	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	20.88
2012.00	0.00	20.88	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	20.88
2072.00	0.00	20.88	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	20.88

Section 2 : Start Build 5.00										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Bulld deg/100ft	Turn deg/100ft	TFO deg
2100.00	1.40	20.88	2100.00	0.32	0.12	0.34	5.00	5.00	0.00	0.00
2200.00	6.40	20.88	2199.73	6.67	2.55	7.14	5.00	5.00	0.00	0.00
2300.00	11.40	20.88	2298.50	21.12	8.06	22.61	5.00	5.00	0.00	0.00
2400.00	16.40	20.88	2395.54	43.56	16.62	46.62	5.00	5.00	0.00	0.00
2500.00	21.40	20.88	2490.12	73.82	28.16	79.00	5.00	5.00	0.00	0.00
2600.00	26.40	20.88	2581.51	111.66	42.59	119.51	5.00	5.00	0.00	0.00
2700.00	31.40	20.88	2669.03	156.80	59.81	167.82	5.00	5.00	0.00	0.00
2800.00	36.40	20.88	2752.01	208.89	79.68	223.58	5.00	5.00	0.00	0.00
2900.00	41.40	20.88	2829.81	267.55	102.06	286.35	5.00	5.00	0.00	0.00

Weatherford International

Planning Report

Company: Enduring Resources	Date: 3/21/2006	Time: 14:00:29	Page: 2
Field: Uintah, Utah	Co-ordinate(NE) Reference: Well: Rock House 11-23-31-2, True North		
Site: SW/NE 2-11S-23E	Vertical (TVD) Reference: SITE 5564.0		
Well: Rock House 11-23-31-2	Section (VS) Reference: Well (0.00N,0.00E,20.88Azi)		
Wellpath: 1	Plan: Plan #1		

Section 2 : Start Build 5.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3000.00	46.40	20.88	2901.84	332.31	126.76	355.67	5.00	5.00	0.00	0.00
3100.00	51.40	20.88	2967.56	402.70	153.61	431.00	5.00	5.00	0.00	0.00
3150.90	53.95	20.88	2998.42	440.52	168.04	471.48	5.00	5.00	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3200.00	53.95	20.88	3027.32	477.60	182.19	511.17	0.00	0.00	0.00	0.00
3300.00	53.95	20.88	3086.17	553.14	211.00	592.01	0.00	0.00	0.00	0.00
3400.00	53.95	20.88	3145.03	628.67	239.82	672.86	0.00	0.00	0.00	0.00
3500.00	53.95	20.88	3203.88	704.21	268.63	753.71	0.00	0.00	0.00	0.00
3576.66	53.95	20.88	3249.00	762.11	290.72	815.68	0.00	0.00	0.00	0.00
3600.00	53.95	20.88	3262.74	779.74	297.44	834.55	0.00	0.00	0.00	0.00
3624.18	53.95	20.88	3276.97	798.01	304.41	854.10	0.00	0.00	0.00	0.00

Section 4 : Start Drop -4.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3700.00	50.91	20.88	3323.20	854.15	325.83	914.19	4.00	-4.00	0.00	180.00
3800.00	46.91	20.88	3388.90	924.56	352.68	989.54	4.00	-4.00	0.00	180.00
3900.00	42.91	20.88	3459.71	990.51	377.84	1060.13	4.00	-4.00	0.00	180.00
4000.00	38.91	20.88	3535.26	1051.69	401.18	1125.61	4.00	-4.00	0.00	180.00
4100.00	34.91	20.88	3615.20	1107.79	422.58	1185.66	4.00	-4.00	0.00	-180.00
4200.00	30.91	20.88	3699.14	1158.55	441.94	1239.98	4.00	-4.00	0.00	180.00
4243.74	29.16	20.88	3737.00	1179.01	449.75	1261.88	4.00	-4.00	0.00	180.00
4300.00	26.91	20.88	3786.65	1203.71	459.17	1288.32	4.00	-4.00	0.00	-180.00
4400.00	22.91	20.88	3877.33	1243.06	474.18	1330.43	4.00	-4.00	0.00	180.00
4500.00	18.91	20.88	3970.72	1276.41	486.90	1366.12	4.00	-4.00	0.00	180.00
4600.00	14.91	20.88	4066.38	1303.58	497.27	1395.21	4.00	-4.00	0.00	180.00
4700.00	10.91	20.88	4163.83	1324.46	505.23	1417.55	4.00	-4.00	0.00	180.00
4800.00	6.91	20.88	4262.60	1338.93	510.75	1433.04	4.00	-4.00	0.00	180.00
4900.00	2.91	20.88	4362.22	1346.93	513.80	1441.60	4.00	-4.00	0.00	180.00
4972.82	0.00	20.88	4435.00	1348.66	514.46	1443.45	4.00	-4.00	0.00	-180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5000.00	0.00	20.88	4462.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
5100.00	0.00	20.88	4562.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
5200.00	0.00	20.88	4662.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
5300.00	0.00	20.88	4762.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
5400.00	0.00	20.88	4862.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
5500.00	0.00	20.88	4962.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
5600.00	0.00	20.88	5062.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
5626.82	0.00	20.88	5089.00	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
5700.00	0.00	20.88	5162.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
5800.00	0.00	20.88	5262.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
5900.00	0.00	20.88	5362.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
6000.00	0.00	20.88	5462.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
6100.00	0.00	20.88	5562.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
6200.00	0.00	20.88	5662.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
6300.00	0.00	20.88	5762.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
6400.00	0.00	20.88	5862.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
6500.00	0.00	20.88	5962.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
6600.00	0.00	20.88	6062.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
6700.00	0.00	20.88	6162.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
6800.00	0.00	20.88	6262.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
6900.00	0.00	20.88	6362.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
7000.00	0.00	20.88	6462.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
7100.00	0.00	20.88	6562.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
7200.00	0.00	20.88	6662.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88

Weatherford International

Planning Report

Company: Enduring Resources
Field: Uintah, Utah
Site: SW/NE 2-11S-23E
Well: Rock House 11-23-31-2
Wellpath: 1

Date: 3/21/2006 **Time:** 14:00:29 **Page:** 3
Co-ordinate(NE) Reference: Well: Rock House 11-23-31-2, True North
Vertical (TVD) Reference: SITE 5564.0
Section (VS) Reference: Well (0.00N,0.00E,20.88Azi)
Plan: Plan #1

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7300.00	0.00	20.88	6762.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
7400.00	0.00	20.88	6862.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
7500.00	0.00	20.88	6962.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
7600.00	0.00	20.88	7062.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
7700.00	0.00	20.88	7162.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
7800.00	0.00	20.88	7262.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
7801.82	0.00	20.88	7264.00	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
7900.00	0.00	20.88	7362.18	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88
7972.82	0.00	20.88	7435.00	1348.66	514.46	1443.45	0.00	0.00	0.00	20.88

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2000.00	0.00	20.88	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
2012.00	0.00	20.88	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	8 5/8" Surface
2072.00	0.00	20.88	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
2100.00	1.40	20.88	2100.00	0.32	0.12	0.34	5.00	5.00	0.00	MWD
2200.00	6.40	20.88	2199.73	6.67	2.55	7.14	5.00	5.00	0.00	MWD
2300.00	11.40	20.88	2298.50	21.12	8.06	22.61	5.00	5.00	0.00	MWD
2400.00	16.40	20.88	2395.54	43.56	16.62	46.62	5.00	5.00	0.00	MWD
2500.00	21.40	20.88	2490.12	73.82	28.16	79.00	5.00	5.00	0.00	MWD
2600.00	26.40	20.88	2581.51	111.66	42.59	119.51	5.00	5.00	0.00	MWD
2700.00	31.40	20.88	2669.03	156.80	59.81	167.82	5.00	5.00	0.00	MWD
2800.00	36.40	20.88	2752.01	208.89	79.68	223.58	5.00	5.00	0.00	MWD
2900.00	41.40	20.88	2829.81	267.55	102.06	286.35	5.00	5.00	0.00	MWD
3000.00	46.40	20.88	2901.84	332.31	126.76	355.67	5.00	5.00	0.00	MWD
3100.00	51.40	20.88	2967.56	402.70	153.61	431.00	5.00	5.00	0.00	MWD
3150.90	53.95	20.88	2998.42	440.52	168.04	471.48	5.00	5.00	0.00	End Build
3200.00	53.95	20.88	3027.32	477.60	182.19	511.17	0.00	0.00	0.00	MWD
3300.00	53.95	20.88	3086.17	553.14	211.00	592.01	0.00	0.00	0.00	MWD
3400.00	53.95	20.88	3145.03	628.67	239.82	672.86	0.00	0.00	0.00	MWD
3500.00	53.95	20.88	3203.88	704.21	268.63	753.71	0.00	0.00	0.00	MWD
3576.66	53.95	20.88	3249.00	762.11	290.72	815.68	0.00	0.00	0.00	Wasatch
3600.00	53.95	20.88	3262.74	779.74	297.44	834.55	0.00	0.00	0.00	MWD
3624.18	53.95	20.88	3276.97	798.01	304.41	854.10	0.00	0.00	0.00	Start Drop
3700.00	50.91	20.88	3323.20	854.15	325.83	914.19	4.00	-4.00	0.00	MWD
3800.00	46.91	20.88	3388.90	924.56	352.68	989.54	4.00	-4.00	0.00	MWD
3900.00	42.91	20.88	3459.71	990.51	377.84	1060.13	4.00	-4.00	0.00	MWD
4000.00	38.91	20.88	3535.26	1051.69	401.18	1125.61	4.00	-4.00	0.00	MWD
4100.00	34.91	20.88	3615.20	1107.79	422.58	1185.66	4.00	-4.00	0.00	MWD
4200.00	30.91	20.88	3699.14	1158.55	441.94	1239.98	4.00	-4.00	0.00	MWD
4243.74	29.16	20.88	3737.00	1179.01	449.75	1261.88	4.00	-4.00	0.00	Entry Point
4300.00	26.91	20.88	3786.65	1203.71	459.17	1288.32	4.00	-4.00	0.00	MWD
4400.00	22.91	20.88	3877.33	1243.06	474.18	1330.43	4.00	-4.00	0.00	MWD
4500.00	18.91	20.88	3970.72	1276.41	486.90	1366.12	4.00	-4.00	0.00	MWD
4600.00	14.91	20.88	4066.38	1303.58	497.27	1395.21	4.00	-4.00	0.00	MWD
4700.00	10.91	20.88	4163.83	1324.46	505.23	1417.55	4.00	-4.00	0.00	MWD
4800.00	6.91	20.88	4262.60	1338.93	510.75	1433.04	4.00	-4.00	0.00	MWD
4900.00	2.91	20.88	4362.22	1346.93	513.80	1441.60	4.00	-4.00	0.00	MWD
4972.82	0.00	20.88	4435.00	1348.66	514.46	1443.45	4.00	-4.00	0.00	Start Hold
5000.00	0.00	20.88	4462.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
5100.00	0.00	20.88	4562.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
5200.00	0.00	20.88	4662.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
5300.00	0.00	20.88	4762.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
5400.00	0.00	20.88	4862.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD

Weatherford International

Planning Report

Company: Enduring Resources Field: Uintah, Utah Site: SWNE 2-11S-23E Well: Rock House 11-23-31-2 Wellpath: 1	Date: 3/21/2006 Co-ordinate(NE) Reference: Well: Rock House 11-23-31-2, True North Vertical (TVD) Reference: SITE 5564.0 Section (VS) Reference: Well (0.00N,0.00E,20.88Azi) Plan: Plan #1
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Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5500.00	0.00	20.88	4962.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
5600.00	0.00	20.88	5062.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
5626.82	0.00	20.88	5089.00	1348.66	514.46	1443.45	0.00	0.00	0.00	Mesaverde
5700.00	0.00	20.88	5162.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
5800.00	0.00	20.88	5262.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
5900.00	0.00	20.88	5362.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
6000.00	0.00	20.88	5462.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
6100.00	0.00	20.88	5562.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
6200.00	0.00	20.88	5662.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
6300.00	0.00	20.88	5762.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
6400.00	0.00	20.88	5862.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
6500.00	0.00	20.88	5962.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
6600.00	0.00	20.88	6062.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
6700.00	0.00	20.88	6162.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
6800.00	0.00	20.88	6262.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
6900.00	0.00	20.88	6362.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
7000.00	0.00	20.88	6462.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
7100.00	0.00	20.88	6562.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
7200.00	0.00	20.88	6662.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
7300.00	0.00	20.88	6762.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
7400.00	0.00	20.88	6862.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
7500.00	0.00	20.88	6962.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
7600.00	0.00	20.88	7062.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
7700.00	0.00	20.88	7162.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
7800.00	0.00	20.88	7262.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
7801.82	0.00	20.88	7264.00	1348.66	514.46	1443.45	0.00	0.00	0.00	Buck Tongue
7900.00	0.00	20.88	7362.18	1348.66	514.46	1443.45	0.00	0.00	0.00	MWD
7972.82	0.00	20.88	7435.00	1348.66	514.46	1443.45	0.00	0.00	0.00	TD

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
Target		7435.00	1348.66	514.46	7137932.75	2255331.33	39	53	41.069 N	109	18	29.129 W
-Rectangle (400x400)												
-Plan hit target												

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2012.00	2012.00	8.625	12.250	8 5/8" Surface

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
329.00	329.00	Green River		0.00	0.00
3576.66	3249.00	Wasatch		0.00	0.00
5626.82	5089.00	Mesaverde		0.00	0.00
7801.82	7264.00	Buck Tongue		0.00	0.00

Weatherford International

Planning Report

Company: Enduring Resources
Field: Uintah, Utah
Site: SW/NE 2-11S-23E
Well: Rock House 11-23-31-2
Wellpath: 1

Date: 3/21/2006
Co-ordinate(NE) Reference: Well: Rock House 11-23-31-2, True North
Vertical (TVD) Reference: SITE 5564.0
Section (VS) Reference: Well (0.00N,0.00E,20.88Azi)
Plan: Plan #1

Page: 5

Annotation

MD ft	TVD ft	
2072.00	2072.00	SHL (2606 FNL & 2492 FEL)
3150.90	2998.42	KOP
3624.18	3276.97	End Build
4243.74	3737.00	Start Drop
4972.82	4435.00	Entry Point
7972.82	7435.00	Start Hold
		TD

Enduring Resources, LLC

Rock House 11-23-31-2

NW-NE 2-11S-23E (Bottom Hole Location)

SW-NE 2-11S-23E (Surface Location)

Uintah County, Utah

State Lease: ML-47078

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to Rock House 11-23-31-2 and Rock House 11-23-32-2 Wells.

(These wells will be directionally drilled from a two well pad (exceptional well surface location)).

From the intersection of U.S. highway 40 and 500 east street in vernal, Utah proceed in an easterly then southerly direction along U.S. highway 40 approximately 3.3 miles to the junction of state highway 45; exit right and proceed in a southerly direction along state highway 45 approximately 40.5 miles to the junction of the dragon road (county b road 4180). This road is located approximately 4.8 miles south of bonanza, Utah. Exit left and proceed in a southeasterly direction along county b road 4180 approximately 4.0 miles to the junction of the Kings Wells road (county b road 4190). Exit right and proceed in a southwesterly direction along county b road 4190 approximately 8.7 miles to the junction of the Atchee ridge road (county b road 4270). Continue along county b road 4190 in a southwesterly direction approximately 4.3 miles to the junction of the long draw road (county b road 4260). Continue along county b road 4190 in a southerly, then westerly direction approximately 4.0 miles to the junction of county b road 4160. Exit right and proceed in a northerly direction along county b road 4160 approximately 0.5 miles to the junction of the bitter creek road (county b road 4120). Exit left and proceed in a westerly direction along county b road 4120 approximately 1.9 miles to the junction of county b road 4230. Exit right and proceed in a northerly direction along county b road 4230 approximately 0.9 miles to the junction of the aches wash road (county b road 4240). Exit right and proceed in a northerly direction along county b road 4240 approximately 6.6 miles to the intersection of a service road. Exit right and proceed in a southeasterly direction along the service road approximately 0.7 miles to the proposed access road for the rock house 10-23-43-2d location. Follow road flags in an easterly direction approximately 1,580 feet to the proposed access road. Follow road flags in a southwesterly direction approximately 200 feet to the proposed location.

Total distance from vernal, Utah to the proposed well location is approximately 75.7 miles in a southeasterly direction.

2. Planned Access Roads:

The proposed access road will be approximately 6,065 feet of new construction all on-lease if this well is drilled after the Rock House 11-23-23-2. If this well pad is built first

then an additional 2,800 feet of road will have to be built on lease to an existing road (apparently a claimed county road. The 900' of off-lease road also appears on county road maps. (See County map which has been added to the surveyor plats).

ALL NEW CONSTRUCTION IS ON SITLA LANDS, However, the apparently county road (900' of off-lease on BLM and 1,000 on-lease) will be improved, if needed, to meet Uintah County, SITLA (and DOG&M) requirements, however no improvement is anticipated.

Enduring has filed a r-o-w application with the BLM to use the 900' of BLM off-lease road (county Class D road?).

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" attached):

The following wells are wells located within a one (1) mile or greater radius of the

proposed location.

- | | | |
|----|----------|---|
| a. | None: | Water Wells: |
| b. | None: | Injection Wells: |
| c. | (2): | Producing Wells: |
| | | i. Rock House U 21 SENW Sec. 11-11S-23E |
| | | ii. Rainbow Unit 4 SE/4 Sec 1-11S-23E |
| d. | None: | Drilling Wells: |
| e. | None: | Shut-in Wells: |
| f. | None: | Temporarily Abandoned Wells: |
| g. | None: | Disposal Wells: |
| h. | (3): | Abandoned Wells: |
| | | i. State 1 NWSW Sec. 2-11S-23E |
| | | ii. State M23-2 NESW Sec 2-11S-23E |
| | | iii. Rainbow Unit 8 NWNE 12-11S-23E |
| i. | None: | Dry Holes: |
| j. | None: | Observation Wells: |
| k. | Various: | Pending (staked) Wells: |
| | | i. Various wells staked by Enduring in Sec. 2-11S-23E |

4. Location of Existing and/or Proposed Facilities:

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be Dark Olive Black. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline for this well will be:

*6,015'	3" Surface Pipeline	On-Lease	SITLA
-0-		Off-Lease	N/A

A 3" surface pipeline will be constructed along the well access road from the well to the Rock House 11-23-23-2 pipeline, or

*If this well is drilled first, then additional 4" surface pipeline will be laid next to the access road back out to and tie-in the proposed pipeline in section 3. (900' of BLM, r-o-w applied for and 2,800' additional on-lease.

If this well is capable of economic production, a 3" steel surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 6,015 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

The proposed pipeline will begin at the well site; and be laid on the surface next to the new access road (north) to tie-in to a steel surface pipeline that is being ****proposed from the Rock House 11-23-23-2 well's 4" surface gathering line.***

The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

5. **Location and Type of Water Supply:**

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2215 or Water Right Number 49-2216 (*See Townships of permitted Use below). If those sources are not available, a new water source shall be submitted prior to commencing operations. (These permits have one-year terms and then must be renewed)

*Enduring Water Permits' Townships of Use:

T10S-R22E	T11S-R22E	T12S-R22E
T10S-R23E	<i>T11S-R23E</i>	T12S-R23E
T10S-R24E	T11S-R24E	T12S-R24E

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

6 **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized for location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access

road surfacing material.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit well be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, brake or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash well be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp.

Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

10. Plans for Surface Reclamation:

Producing Location:

- a. Immediately upon well completion (**of the two wells to be drilled from this pad**), the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.

- b. Immediately upon well completion (**of the two wells to be drilled from this pad**), any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit (**of the two wells to be drilled from this pad**) and that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Seed Mixture for Windrowed Top Soil Will Included:

To be provided by the SITLA.

11. Surface Ownership: Location, Access and Pipeline Route:

Wellsite: SITLA

Access: SITLA and BLM

Pipeline: SITLA and BLM

12. Other Information

On-site Inspection for Location, Access and Pipeline Route:

The on-site will be scheduled by SITLA and DOG&M.

Special Conditions of Approval:

- Tanks and Production Equipment shall be painted Dark Olive Black.
- Surface Gathering Pipeline shall be 4" or less (much will be 3" for the trunk lines)

Archeology:

- a. A Cultural Resource Inventory Report is pending and to be prepared by Montgomery Archaeological Consultants.

Paleontology:

- a. A Paleontology Reconnaissance Report is pending and to be prepared by Intermountain Paleo-Consulting.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

13, Lessee's or Operator's Representatives:**Representatives:**

Alvin R. (Al) Arlian
Landman – Regulatory Specialist
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-350-5114
Fax Tel: 303-573-0461
aarlian@enduringresources.com

Tim Singleton
Drilling Engineer
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-573-5711
Fax Tel: 303-573-0461
tsingleton@enduringresources.com

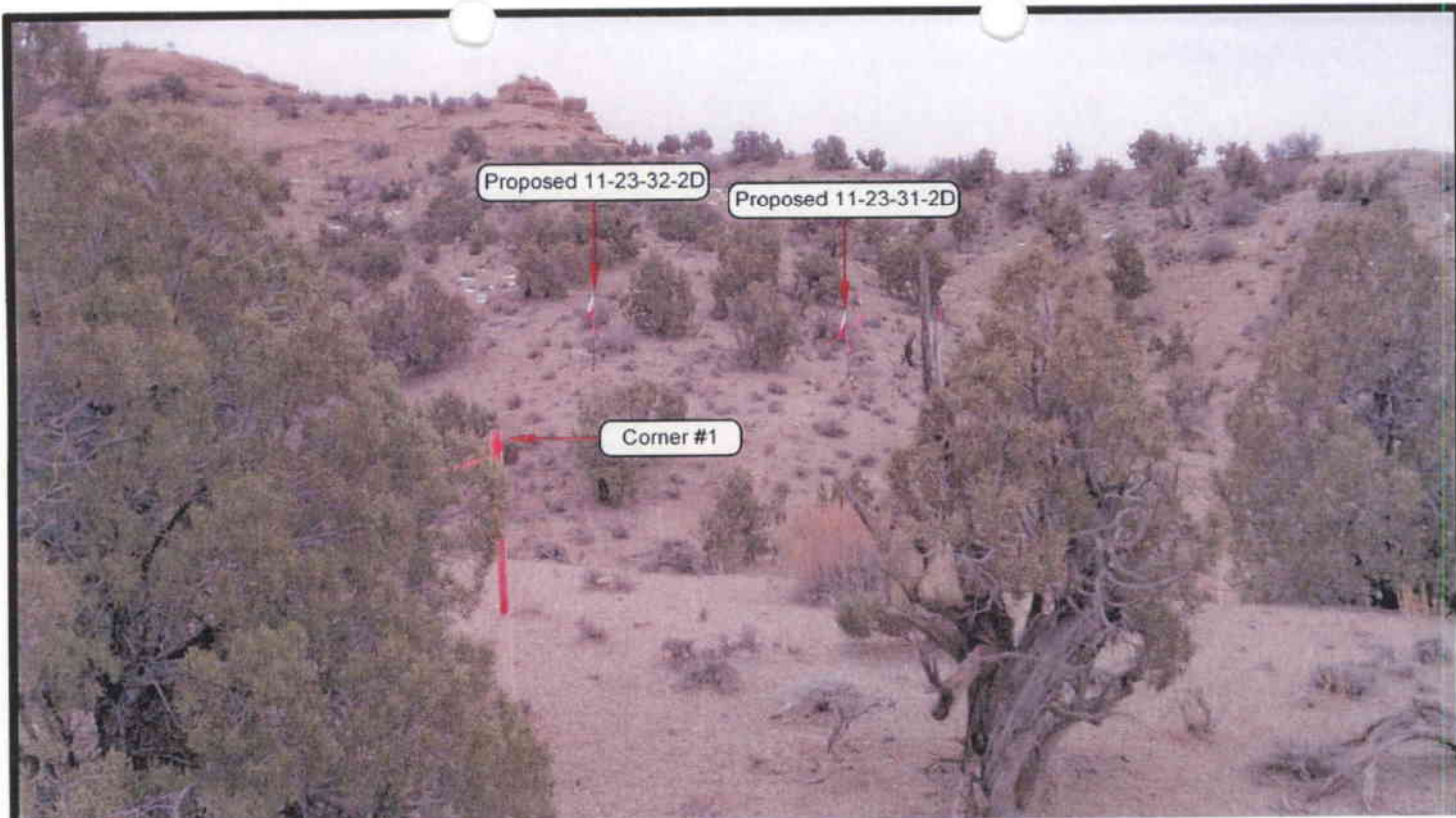


PHOTO VIEW: FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY

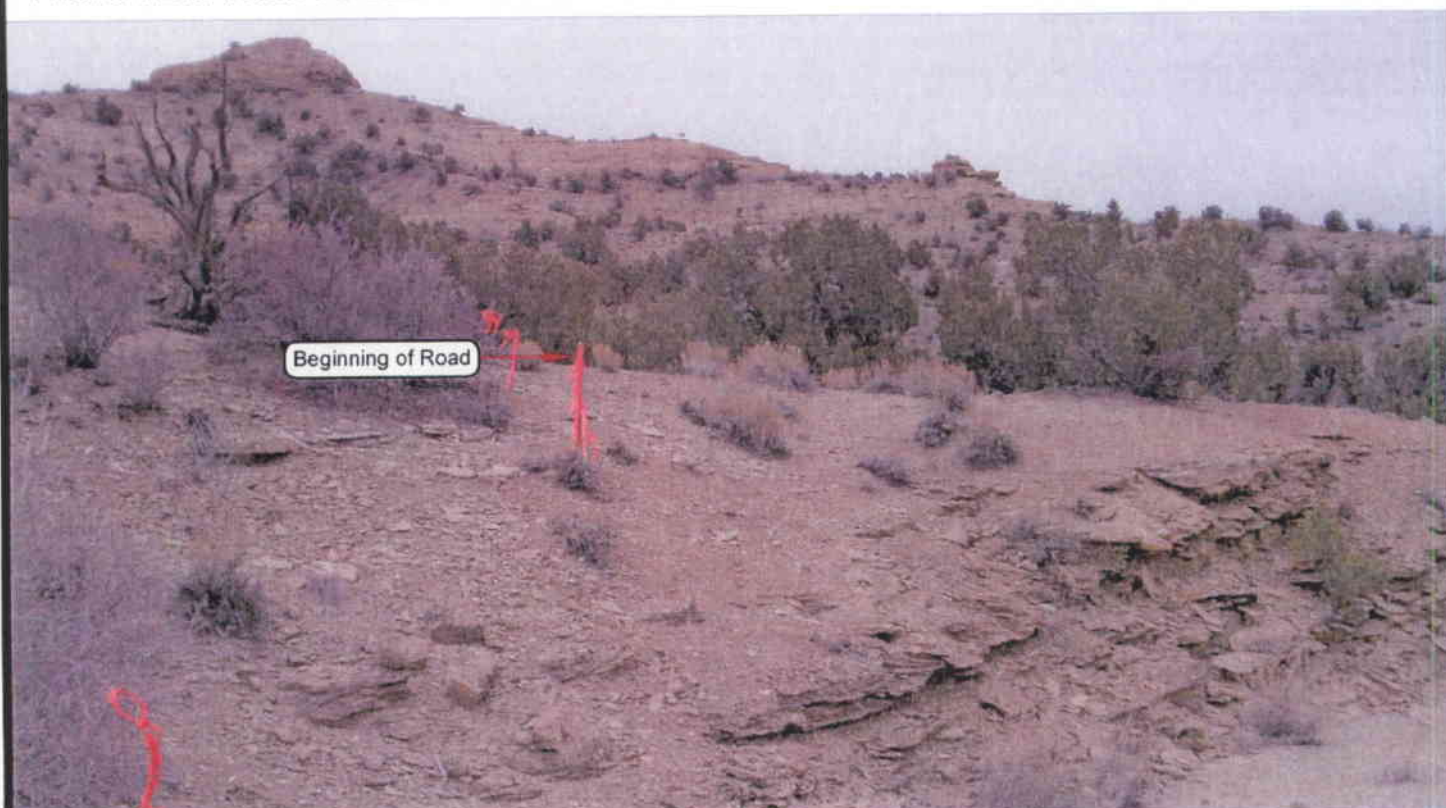


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHERLY

ENDURING RESOURCES

**Rock House 11-23-32-2D
& Rock House 11-23-31-2D
SECTION 2, T11S, R23E, S.L.B.&M.
2604' FNL & 2467' FEL**

LOCATION PHOTOS

TAKEN BY: D.J.S.

DRAWN BY: M.W.W.

DATE TAKEN: 12-29-05

DATE DRAWN: 01-12-06

REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

**SHEET
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OF 11**

ENDURING RESOURCES

WELL PAD INTERFERENCE PLAT ROCK HOUSE 11-23-32-2D & ROCK HOUSE 11-23-31-2D



BASIS OF BEARINGS IS THE EAST LINE
OF THE SE 1/4 OF SECTION 2, T11S,
R23E, S.L.B.&M. WHICH IS TAKEN
FROM GLOBAL POSITIONING SATELLITE
OBSERVATIONS TO BEAR N00°01'13"E.

SURFACE POSITION FOOTAGES:

ROCK HOUSE 11-23-32-2D
2604' FNL & 2467' FEL

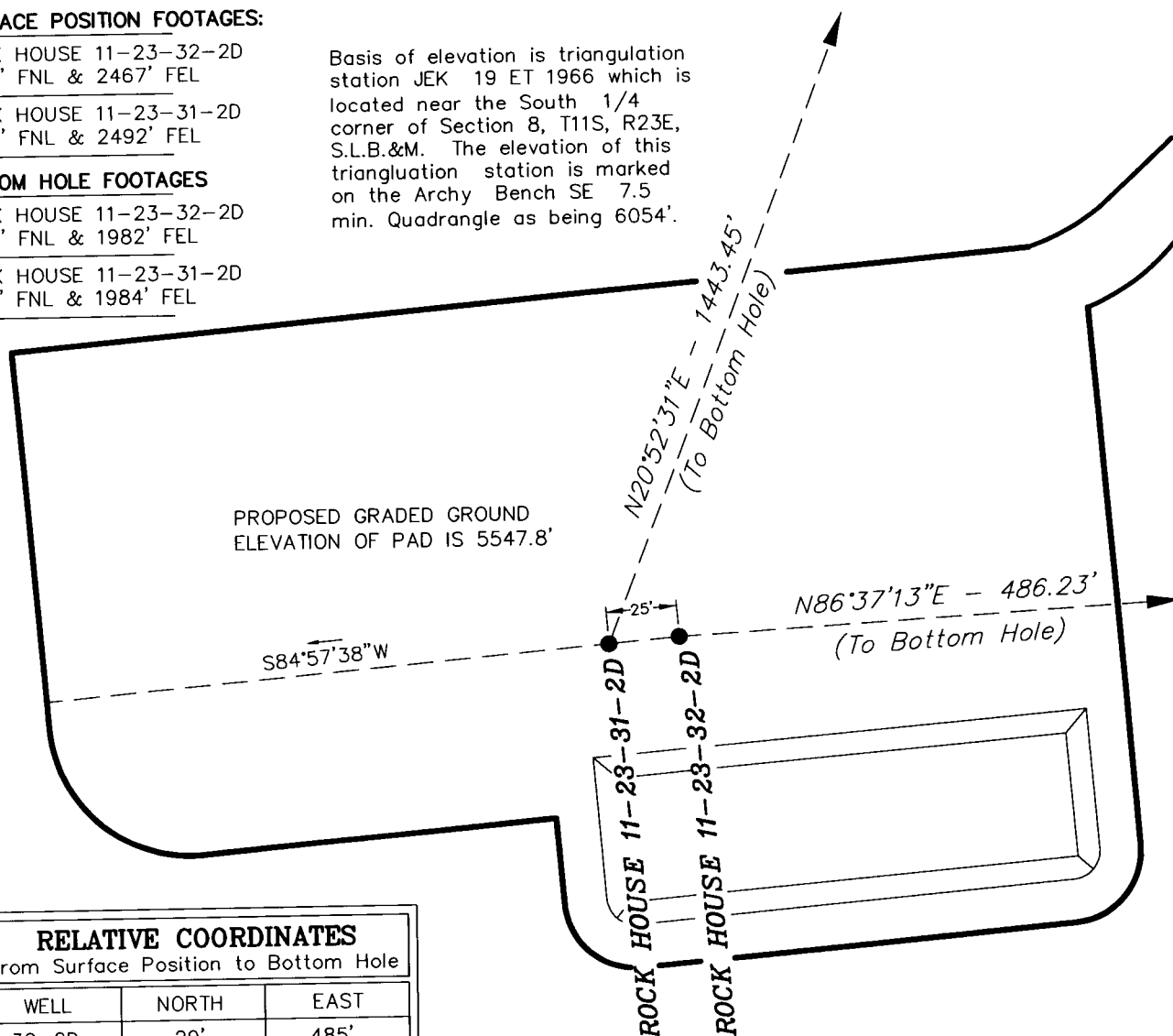
ROCK HOUSE 11-23-31-2D
2606' FNL & 2492' FEL

BOTTOM HOLE FOOTAGES

ROCK HOUSE 11-23-32-2D
2576' FNL & 1982' FEL

ROCK HOUSE 11-23-31-2D
1258' FNL & 1984' FEL

Basis of elevation is triangulation
station JEK 19 ET 1966 which is
located near the South 1/4
corner of Section 8, T11S, R23E,
S.L.B.&M. The elevation of this
triangulation station is marked
on the Archy Bench SE 7.5
min. Quadrangle as being 6054'.



RELATIVE COORDINATES

From Surface Position to Bottom Hole

WELL	NORTH	EAST
32-2D	29'	485'
31-2D	1,349'	514'

LATITUDE & LONGITUDE

Surface Position - (NAD 83) Autonomous

WELL	N. LATITUDE	W. LONGITUDE
32-2D	39°53'27.76"	109°18'35.41"
31-2D	39°53'27.74"	109°18'35.73"

LATITUDE & LONGITUDE

Bottom Hole - (NAD 83) Autonomous

WELL	N. LATITUDE	W. LONGITUDE
32-2D	39°53'28.04"	109°18'29.18"
31-2D	39°53'41.06"	109°18'29.12"

Section 2, T11S, R23E, S.L.B.&M.

Qtr/Qtr Location: SW NE

Footage Location: 2604' FNL & 2467' FEL

Date Surveyed:
12-29-05

Date Drawn:
01-12-06

Date Last Revision:

Surveyed By: D.J.S.

Drawn By: M.W.W.

Scale: 1" = 60'

Timberline
Land Surveying, Inc.

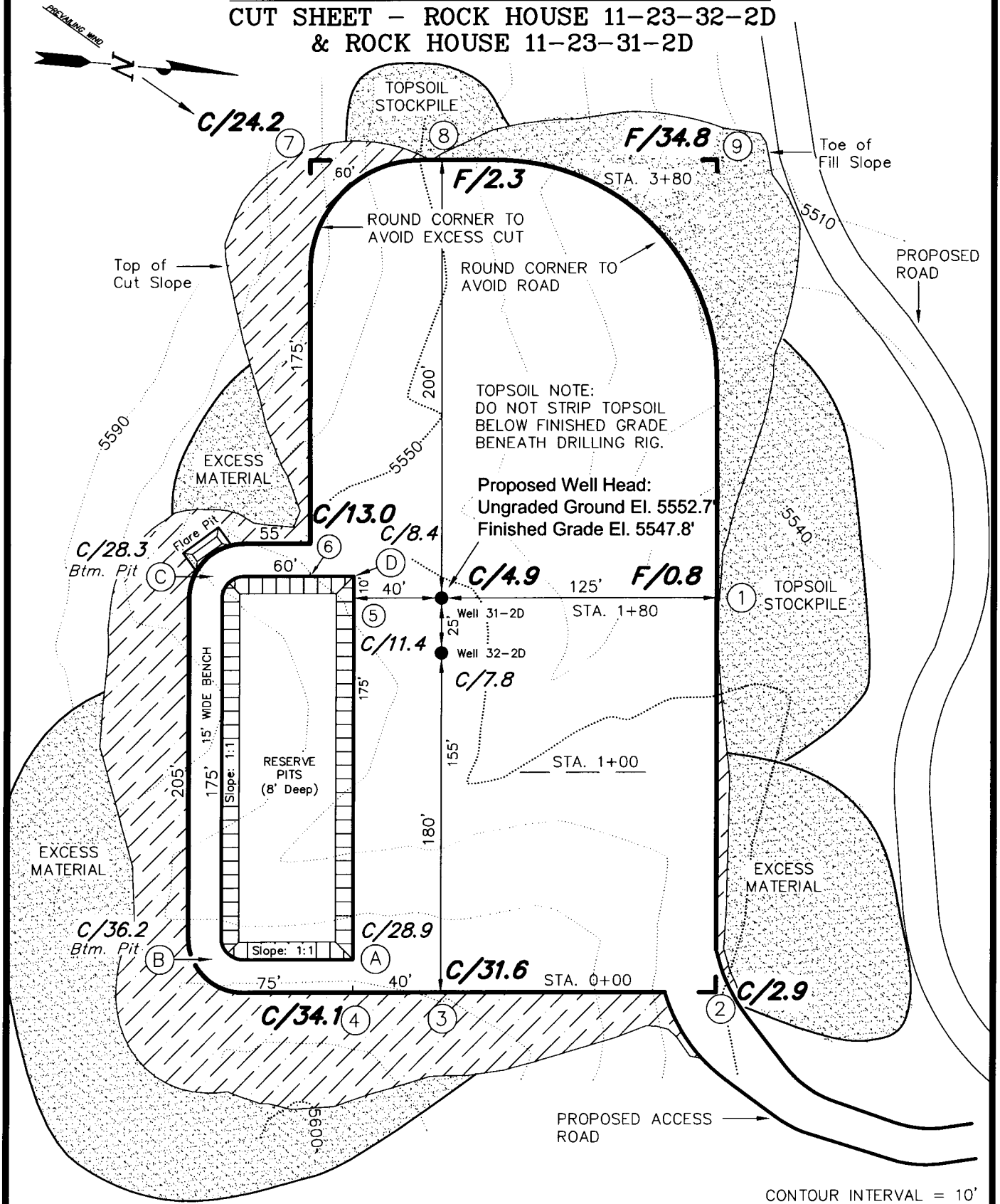
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38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET
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OF 11

ENDURING RESOURCES

CUT SHEET - ROCK HOUSE 11-23-32-2D & ROCK HOUSE 11-23-31-2D

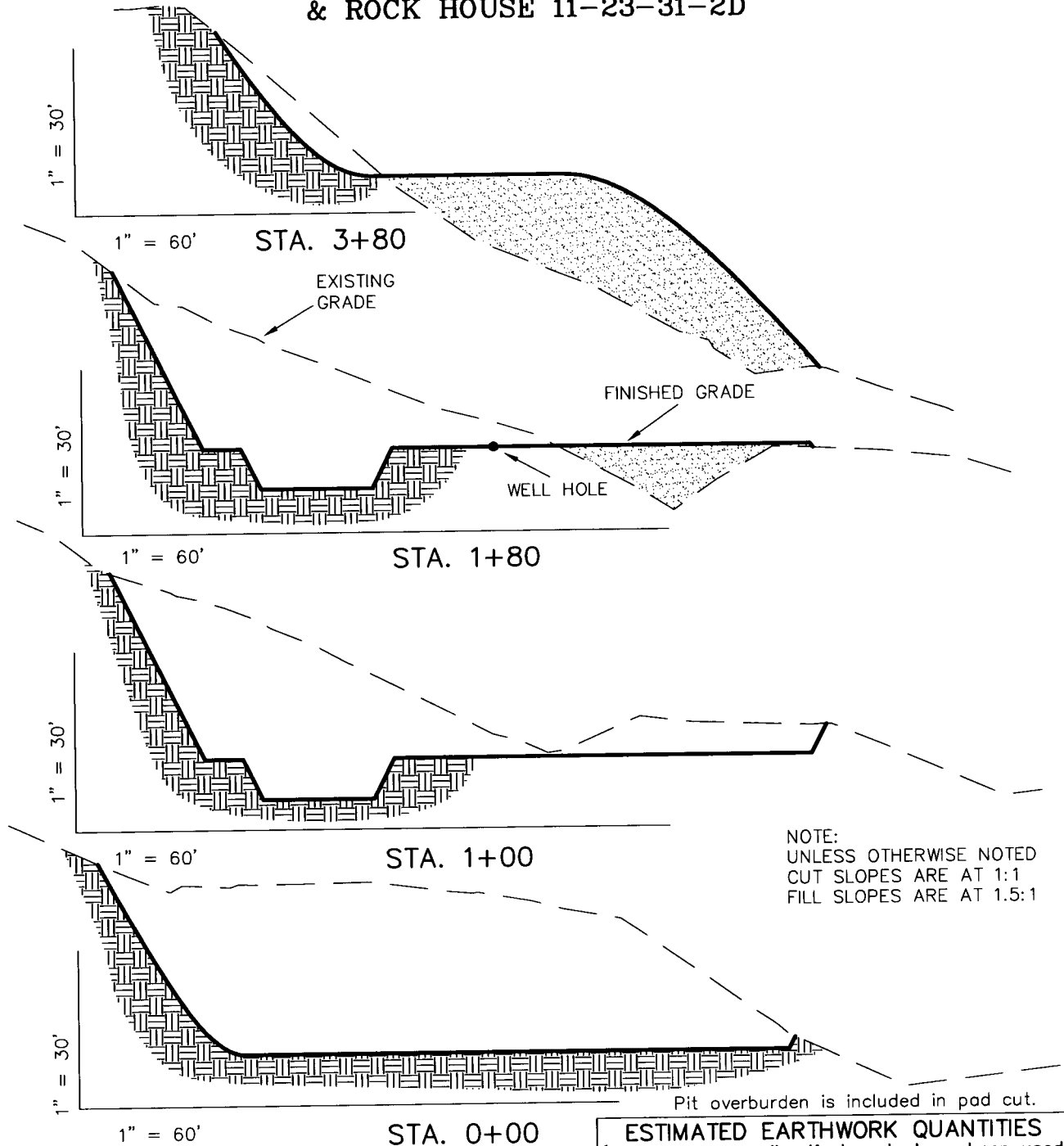


CONTOUR INTERVAL = 10'

Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: SW NE	Footage Location: 2604' FNL & 2467' FEL
Date Surveyed: 12-29-05	Date Drawn: 01-11-06	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i>
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	38 WEST 100 NORTH VERNAL, UTAH 84078
			SHEET 4 OF 11

ENDURING RESOURCES

CROSS SECTIONS - ROCK HOUSE 11-23-32-2D & ROCK HOUSE 11-23-31-2D



REFERENCE POINTS

185' NORTHERLY = 5544.6'
 225' NORTHERLY = 5538.1'
 250' WESTERLY = 5548.9'
 300' WESTERLY = 5543.0'

ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	37,930	17,120	Topsoil is not included in Pad Cut	20,810
PIT	2,570	0		2,570
TOTALS	40,500	17,120	1,510	23,380

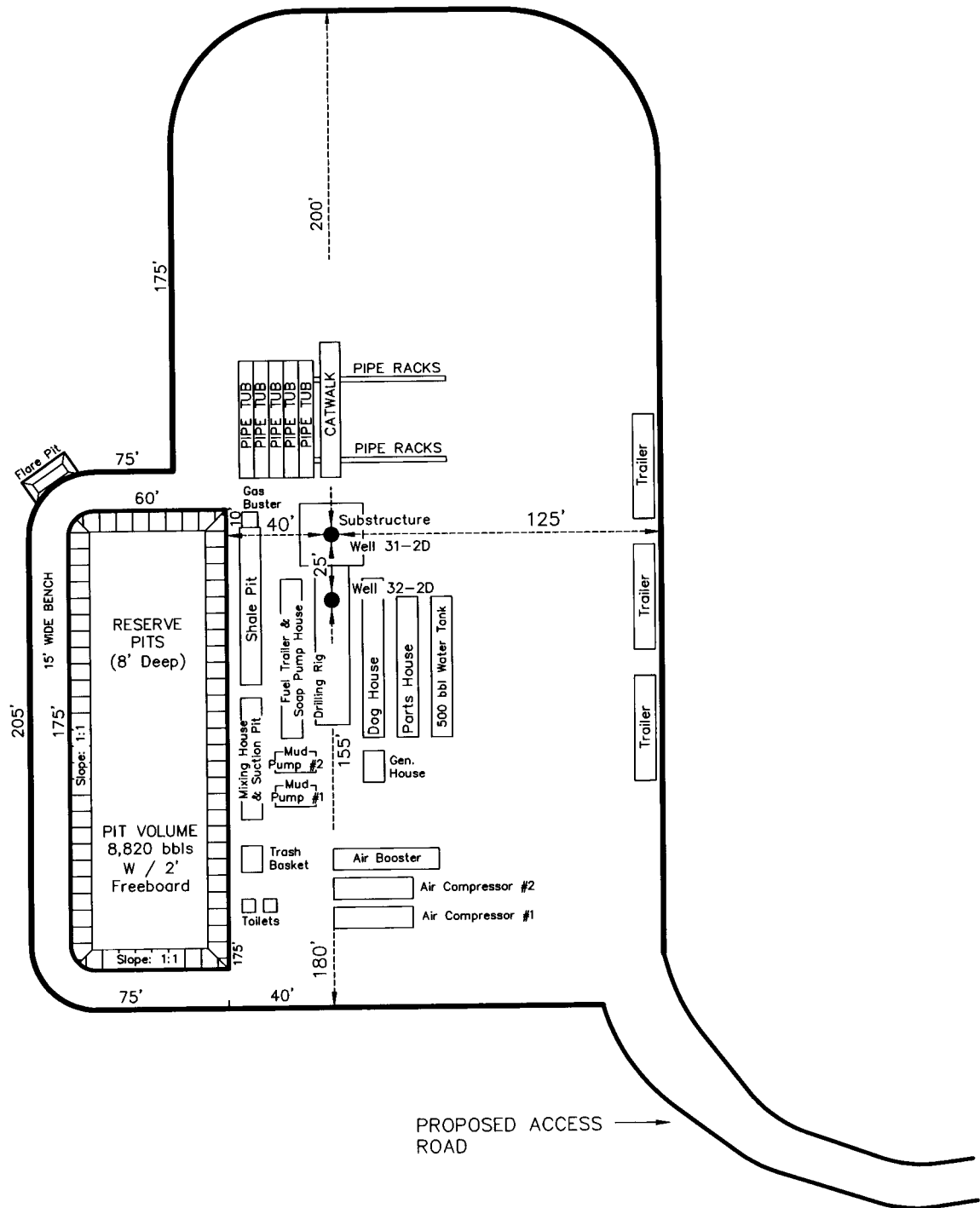
Excess Material after Pit Rehabilitation = 22,090 Cu. Yds.

Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: SW NE	Footage Location: 2604' FNL & 2467' FEL
Date Surveyed: 12-29-05	Date Drawn: 01-11-06	Date Last Revision:	Timberline Land Surveying, Inc. (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	

SHEET
5
OF 11

ENDURING RESOURCES

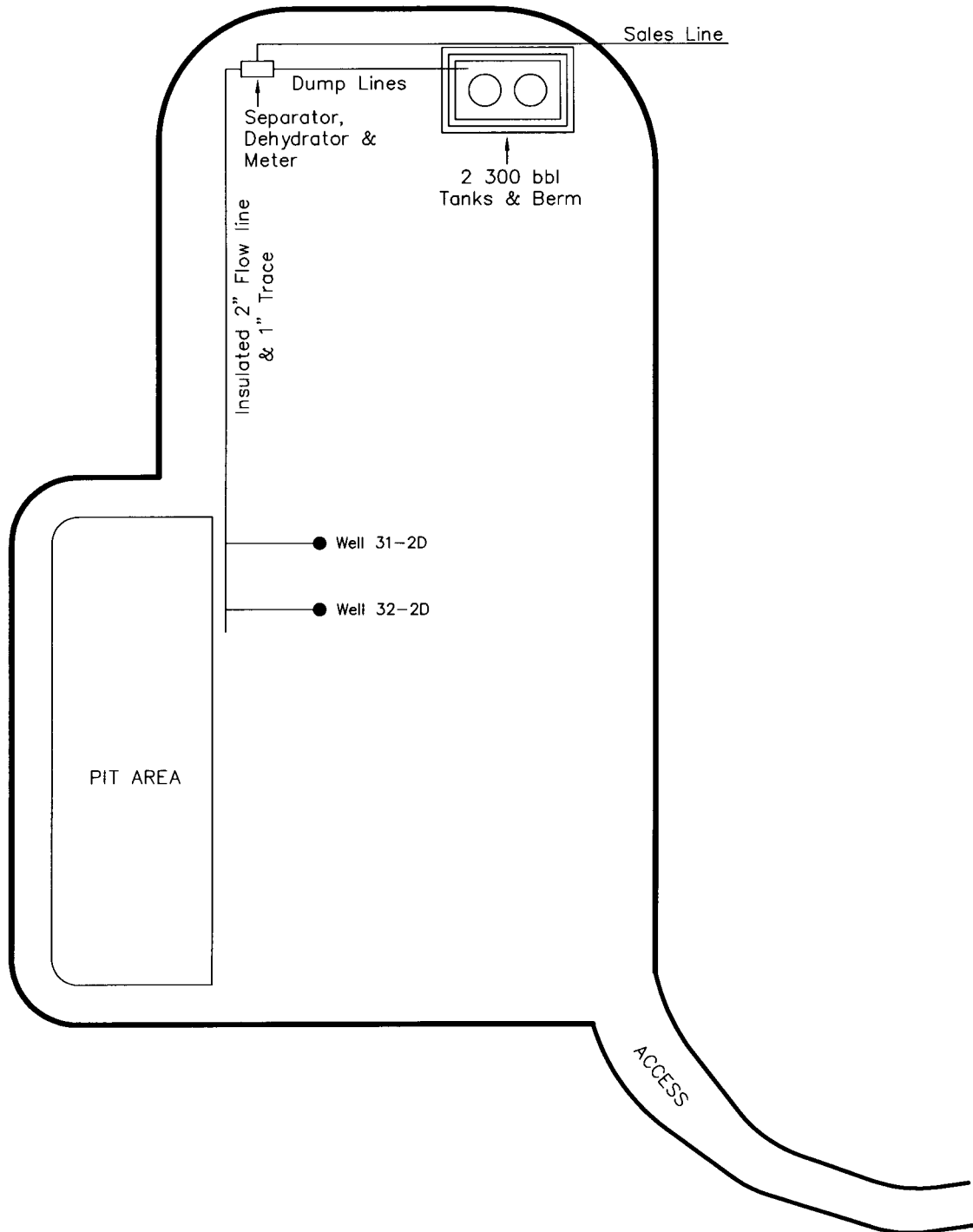
TYPICAL RIG LAYOUT – ROCK HOUSE 11-23-32-2D & ROCK HOUSE 11-23-31-2D



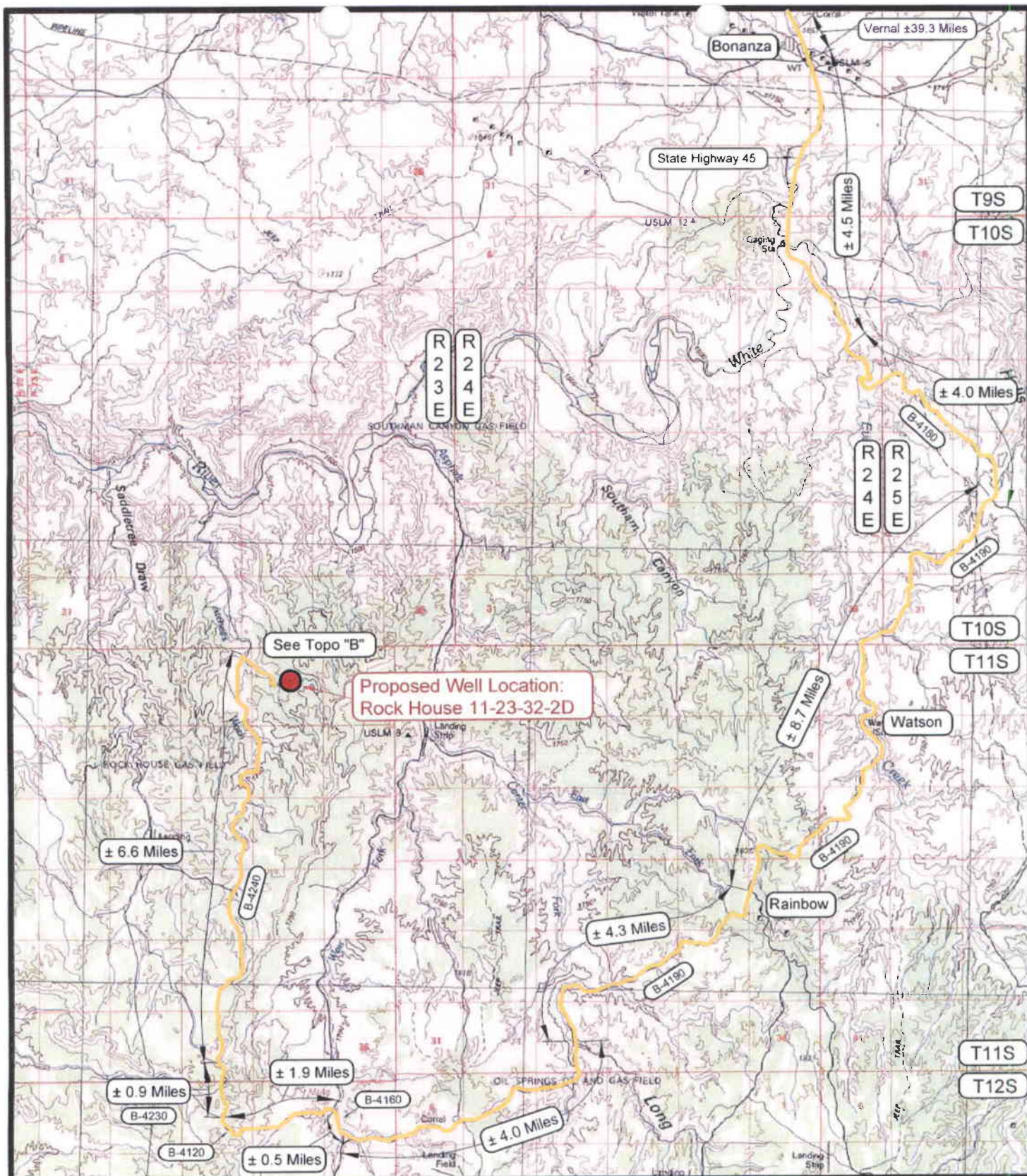
Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: SW NE	Footage Location: 2604' FNL & 2467' FEL
Date Surveyed: 12-29-05	Date Drawn: 01-11-06	Date Last Revision:	Timberline (435) 789-1365
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078			SHEET 6 OF 11

ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT – ROCK HOUSE 11-23-32-2D & ROCK HOUSE 11-23-31-2D



Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: SW NE	Footage Location: 2604' FNL & 2467' FEL
Date Surveyed: 12-29-05	Date Drawn: 01-11-06	Date Last Revision:	Timberline (435) 789-1365
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
			SHEET 7 OF 11



LEGEND

- PROPOSED ACCESS ROAD
 --- = SUBJECT WELL
 --- = OTHER WELLS
 --- = EXISTING ROAD
 --- = EXISTING ROAD (TO BE IMPROVED)
- B-5460 = COUNTY ROAD CLASS & NUMBER

TOPOGRAPHIC MAP "A"

SCALE: 1"=10,000'

DRAWN BY: M.W.W.

DATE SURVEYED: 12-29-05

DATE DRAWN: 01-12-06

REVISED: 04-19-06

ENDURING RESOURCES

Rock House 11-23-31-2D

SECTION 2, T11S, R23E, S.L.B.&M.

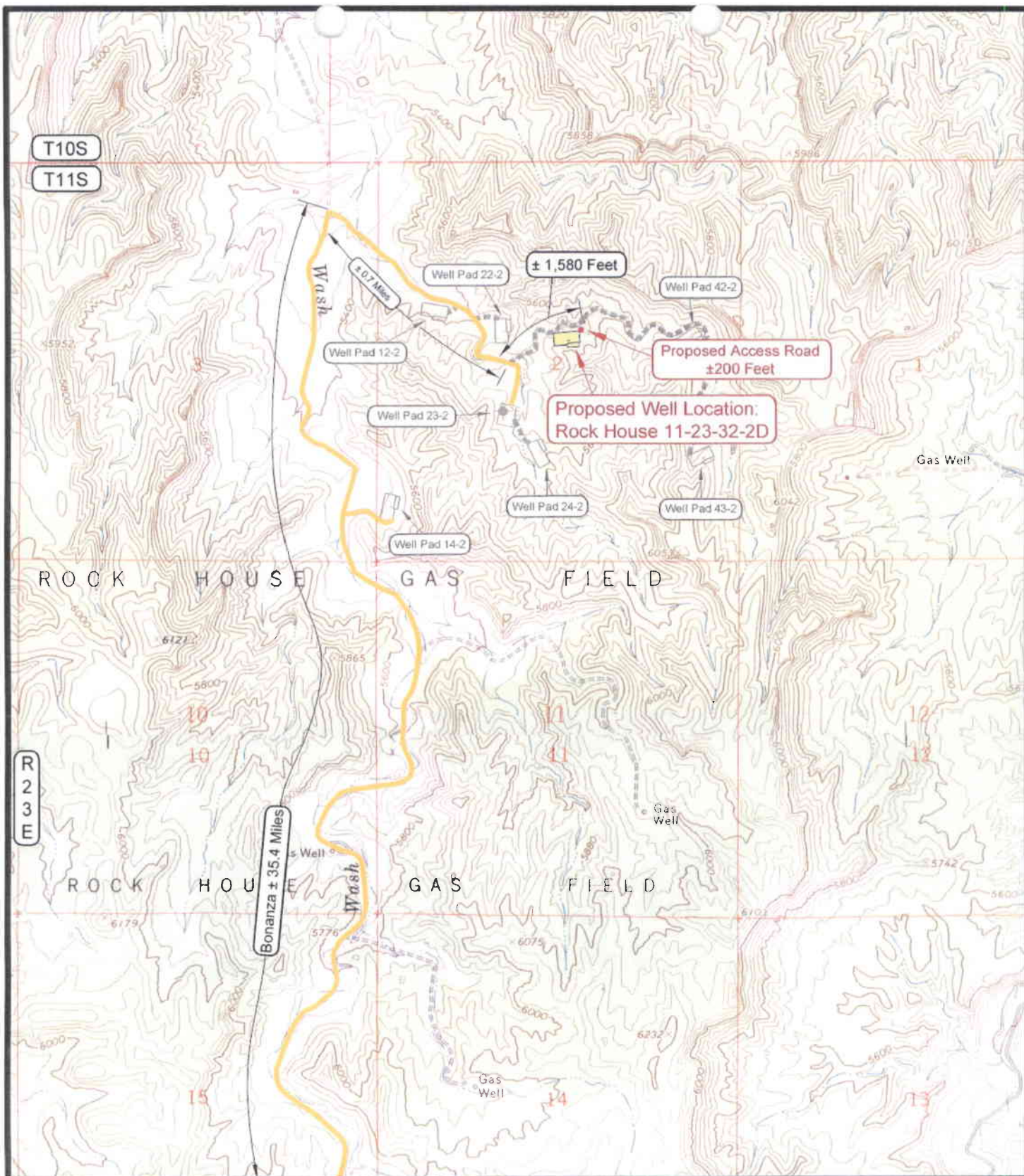
Surface Location: 2606' FNL & 2492' FEL

Bottom Hole: 1258' FNL & 1984' FEL

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**SHEET
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OF 11**



LEGEND

- PROPOSED ACCESS ROAD
 --- = SUBJECT WELL
 --- = OTHER WELLS
 --- = EXISTING ROAD
 --- = EXISTING ROAD (TO BE IMPROVED)
 (B-5460) = COUNTY ROAD CLASS & NUMBER
 --- = LEASE LINE AND / OR PROPERTY LINE

TOPOGRAPHIC MAP "B"

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

DATE SURVEYED: 12-29-05

DATE DRAWN: 01-12-06

REVISED: 04-19-06

ENDURING RESOURCES

Rock House 11-23-31-2D

SECTION 2, T11S, R23E, S.L.B.&M.

Surface Location: 2606' FNL & 2492' FEL

Bottom Hole: 1258' FNL & 1984' FEL

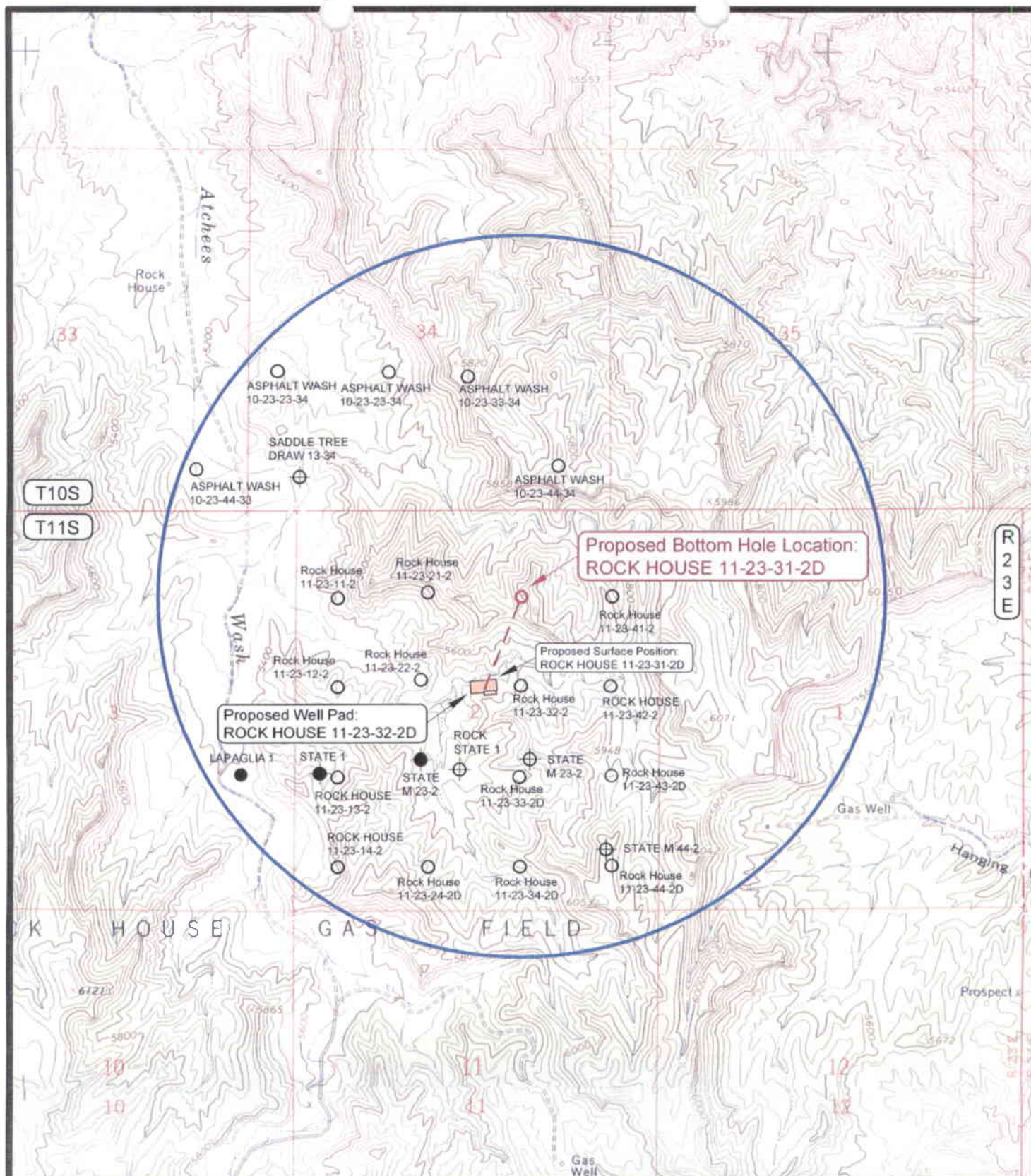
Timberline Land Surveying, Inc.

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SHEET

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OF 11



LEGEND

- | | |
|--------------------|--------------------------------|
| ○ = DISPOSAL WELL | ○ = WATER WELL |
| ● = PRODUCING WELL | ● = ABANDONED WELL |
| ● = SHUT IN WELL | ● = TEMPORARILY ABANDONED WELL |
| ○ = PROPOSED WELL | ⊕ = ABANDONED LOCATION |

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 12-29-05

DATE DRAWN: 01-12-06

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

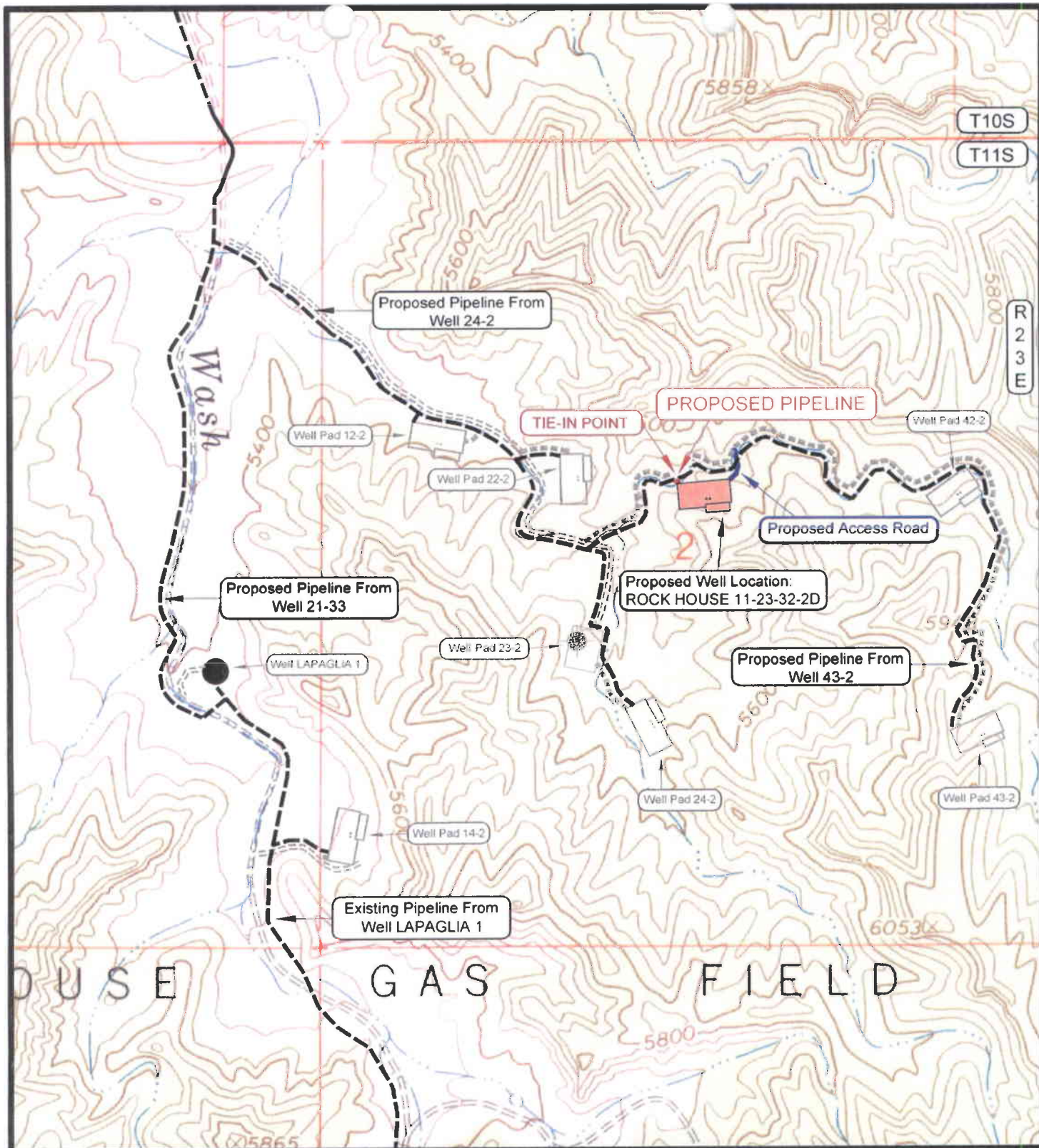
ENDURING RESOURCES

ROCK HOUSE 11-23-31-2D
SECTION 2, T11S, R23E, S.L.B.&M.
Bottom Hole: 1258' FNL & 1984' FEL

Timberline Land Surveying, Inc.

38 West 100 North Vernal, Utah 84078
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SHEET
10b
 OF 11



APPROXIMATE PIPELINE LENGTH = 20 Feet

LEGEND

- = PROPOSED PIPELINE
- = OTHER PIPELINE
- = LEASE LINE AND / OR PROPERTY LINE
- = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 12-29-05

DATE DRAWN: 01-12-06

SCALE: 1" = 1000'

DRAWN BY: M.W.W.

REVISED: 04-19-06

ENDURING RESOURCES

Rock House 11-23-31-2D
SECTION 2, T11S, R23E, S.L.B.&M.
Surface Location: 2606' FNL & 2492' FEL
Bottom Hole: 1258' FNL & 1984' FEL

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
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OF 11

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/25/2006

API NO. ASSIGNED: 43-047-38031

WELL NAME: ROCK HOUSE 11-23-31-2

OPERATOR: ENDURING RESOURCES, LLC (N2750)

CONTACT: AL ARLIAN

PHONE NUMBER: 303-350-5114

PROPOSED LOCATION:

SWNE 02 110S 230E

SURFACE: 2606 FNL 2492 FEL

NWNE BOTTOM: 1258 FNL 1984 FEL

COUNTY: UINTAH

LATITUDE: 39.89107 LONGITUDE: -109.3092

UTM SURF EASTINGS: 644560 NORTHINGS: 4416825

FIELD NAME: ROCK HOUSE (670)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	Duo	6/7/06
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-47087

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0008031)
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit
(No. 49-2215)
- ☒ RDCC Review (Y/N)
(Date:)
- ☒ Fee Surf Agreement (Y/N)
- ☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: _____

___ R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 210-3(B)

Eff Date: 2-24-99

Siting: 460' From Qtr/Qtr & 920' Between Wells
R649-3-20

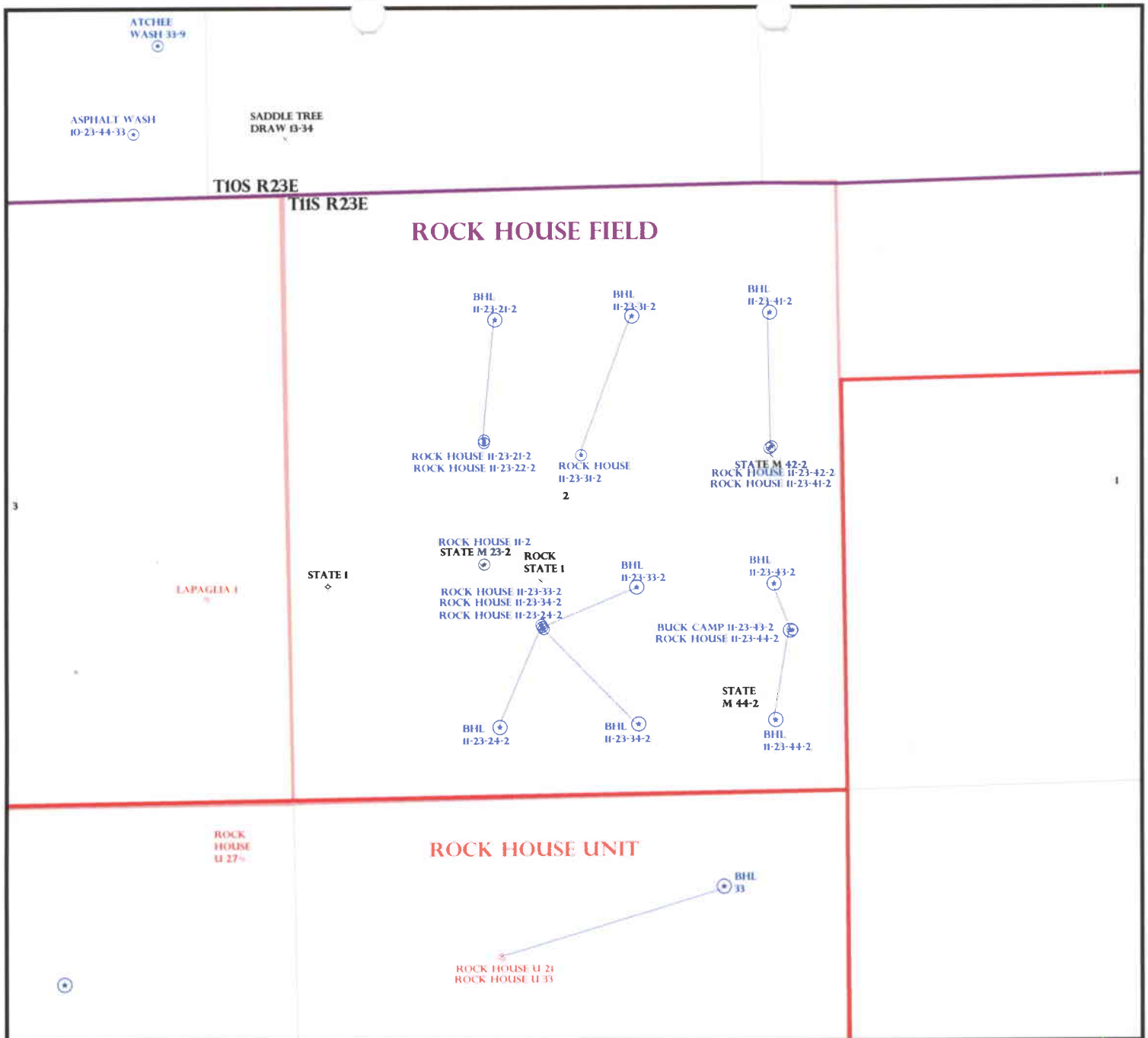
☒ R649-3-11. Directional Drill

COMMENTS:

Needs Done (05-10-06)

STIPULATIONS:

1 - STATEMENT OF BASIS
2 - Surface Csg Cont Stop



OPERATOR: ENDURING RES LLC (N2750)

SEC: 2 T. 11S R. 23E

FIELD: ROCK HOUSE (670)

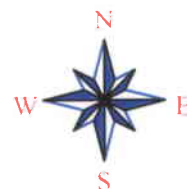
COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING

Field Status
 [] ABANDONED
 [] ACTIVE
 [] COMBINED
 [] INACTIVE
 [] PROPOSED
 [] STORAGE
 [] TERMINATED

Unit Status
 [] EXPLORATORY
 [] GAS STORAGE
 [] NF PP OIL
 [] NF SECONDARY
 [] PENDING
 [] PI OIL
 [] PP GAS
 [] PP GEOTHERML
 [] PP OIL
 [] SECONDARY
 [] TERMINATED

Wells Status
 [] GAS INJECTION
 [] GAS STORAGE
 [] LOCATION ABANDONED
 [] NEW LOCATION
 [] PLUGGED & ABANDONED
 [] PRODUCING GAS
 [] PRODUCING OIL
 [] SHUT-IN GAS
 [] SHUT-IN OIL
 [] TEMP. ABANDONED
 [] TEST WELL
 [] WATER INJECTION
 [] WATER SUPPLY
 [] WATER DISPOSAL
 [] DRILLING



PREPARED BY: DIANA WHITNEY
 DATE: 28-APRIL-2006

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: ENDURING RESOURCES, LLC
WELL NAME & NUMBER: ROCK HOUSE 11-23-31-2D
API NUMBER: 43-047-38031
LOCATION: 1/4, 1/4 SW/NE Sec: 2 TWP: 11S RNG: 23E 2606' FNL 2492' FEL
(BHL) NW/NE; 1258' FNL---1984' FEL

Geology/Ground Water:

Enduring proposes to set 2,000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,600 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this location is the Uinta/Green River Formation transition. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The Green River Formation is made up of interbedded limestones, shales and sandstones. Fresh water aquifers can be found in the Green River Formation and should be protected. The proposed surface casing should adequately protect any potentially useable aquifers. Production casing cement should be brought up above the base of the moderately saline ground water.

Reviewer: Brad Hill **Date:** 05-16-06

Surface:

The pre-drill investigation of the surface was performed on May 10, 2006. The surface and minerals are both owned by SITLA. Jim Davis represented SITLA at the pre-site. The Rock House 11-23-31-2 and Rock House 11-23-32-2, both directional wells will be drilled from this location. The location lies in a secondary drainage of Atchee Wash on a small lateral ridge that joins the main ridge divide to the east. The top of the main ridge is formed by exposed bedrock cliffs and is the divide between Atchee Wash and Asphalt Wash. Numerous side draws begin at the ridge top and drain into this secondary draw. The drainage is open to the west approximately 3/4 mile to Atchee Wash. Two small draws intersect the location but drainage is not significant enough to require diversion ditches. No stability problems are anticipated with the construction and operation of the location. Approximately 200 feet of new access road is planned. The newly constructed primary access road follows the narrow bottom of a wash, which continues south to the divide. This road may require heavy maintenance to remove alluvial deposits from summer storms, but is expected to be less impact on the landscape than constructing a route on the side hills out of the bottom of the wash. Ben Williams representing the UDWR stated the area is classified as high value winter habitat for elk and critical value winter deer habitat. He explained how the areas are classified and recommended to Mr. Davis and Mr. Hammond that they limit their activity from Nov. 15 thru March 15 to protect wintering values for deer. This activity would include road and pad construction, drilling and work-over rigs. Mr. Williams gave both Mr. Hammond and Mr. Davis copies of his wildlife investigation report and a recommended seed mix to use when the site is revegetated.

Reviewer: Floyd Bartlett **Date:** 05/11/2006

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: ENDURING RESOURCES, LLC

WELL NAME & NUMBER: ROCK HOUSE 11-23-31-2D (NOTE: This is a directional well planned off the same pad as the Rock House 11-23-32-2D also a directional well.)

API NUMBER: 43-047-38031

LEASE: ML-47087 **FIELD/UNIT:** UNDESIGNATED

LOCATION: 1/4,1/4 SW/NE Sec: 2 TWP: 11S RNG: 23E 2606' FNL 2492 FEL
(PRODUCING ZONE) NW/NE; 1258' FNL---1984' FEL

LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): 644560 E; 4416824 N **SURFACE OWNER:** STATE OF UTAH (SITLA)

PARTICIPANTS

Floyd Bartlett (DOGM), Douglas Hammond (Enduring Resources) Mike Stewart (Ponderosa Construction), Jim Davis (SITLA), Colby Kay (Timberline Land Surveying, Inc.), Ben Williams (UDWR)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

The proposed Rock House 11-23-31-2D well lies in a secondary drainage of Atchee Wash. It is on a small steep sloped lateral ridge that joins the main ridge divide to the east. The top of the main ridge is formed by exposed bedrock cliffs and is the divide between Atchee Wash and Asphalt Wash. Numerous side draws begin at the ridge top and drain into this secondary draw. The drainage is open to the west approximately ¾ mile to Atchee Wash.

Atchee Wash is an ephemeral wash only flowing during the spring runoff and intense summer rainstorms. The White River is approximately 3 miles downstream to the north. No springs or seeps are known in the area. The location is approximately 14 miles south west of Bonanza Ut, and approximately 67 miles southwest of Vernal, UT. Access from Bonanza is by State Highway then Uintah County roads 26.9 miles to Atchee Wash, then north down Atchee Wash 7.5 miles to where a new road has been constructed which will serve as the principal access to this location and other locations within this section. From this road 200 feet of additional new access road is planned. The primary access road primarily follows the narrow bottom of a wash, which continues south to the divide. This road may require heavy maintenance to remove alluvial deposits from summer storms, but is expected to be less impact on the landscape than constructing a route on the side hills out of the bottom of the wash.

Topography in the general area is broad canyon bottoms separated by steep and often ledgy side-slopes, which top out onto broad ridge tops. Frequent outwash plains and deposits occur along the sides of the major bottoms. The drainages of Atchee and Asphalt Washes are broad somewhat gentle alluvial washes, which are dry except for spring runoff and sometimes-intense summer rainstorms.

SURFACE USE PLAN

CURRENT SURFACE USE: wildlife and domestic sheep grazing and hunting.

PROPOSED SURFACE DISTURBANCE: Approximately 200 feet of access road, construction of a well location 380'x 180' plus a reserve pit and soil stockpile storage outside the described area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Several. See attached map from GIS database.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Approximately 20 feet of pipeline will follow access road and tie in with the pipeline from the 43-2 well.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? EXPLAIN: Unlikely. Oilfield activity is common in the area and is the dominant use. The area is very isolated from general travel.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Poorly vegetated pinion juniper site. Greasewood, big sagebrush, penstemon, erigonium, ephedra, service berry, loco weed, broom snakeweed, curly mesquite and prickly pear also occur. Pronghorn, rodents, songbirds, raptors, elk, deer, bobcat, coyote.

SOIL TYPE AND CHARACTERISTICS: Shallow gravely sandy loam surface. Surface sandstone and shale bedrock also to occur.

EROSION/SEDIMENTATION/STABILITY: Two small draws intersect the location but drainage is not significant to require diversion ditches. No stability problems are anticipated with the construction and operation of the location.

PALEONTOLOGICAL POTENTIAL: Survey completed 4-05-06 by IPC.

RESERVE PIT

CHARACTERISTICS: 175' by 60' and 8' deep. The reserve pit is planned in

an area of cut on the south east corner of the location. The reserve pit is 15 feet longer than normal to serve the 2 wells that are planned. No stabilization problems are expected.

LINER REQUIREMENTS (Site Ranking Form attached): A minimum of a 16 mil liner will be required for reserve pit. Sensitivity score is 40 and a rating Level II.

SURFACE RESTORATION/RECLAMATION PLAN

As per landowner agreement with SITLA.

SURFACE AGREEMENT: In place.

CULTURAL RESOURCES/ARCHAEOLOGY: Completed on 02-22-2006 by MOAC and will be furnished for the well file.

OTHER OBSERVATIONS/COMMENTS

Ben Williams representing the UDWR stated the area is classified as high value winter habitat for elk and critical value winter deer habitat. He explained how the areas are classified and recommended to Mr. Davis and Mr. Hammond that they limit their activity from Nov. 15 thru March 15 to protect wintering values for deer. This activity would include road and pad construction, drilling and work-over rigs. Mr. Williams gave both Mr. Hammond and Mr. Davis copies of his wildlife investigation report and a recommended seed mix to use when the site is revegetated.

This predrill investigation was conducted on a cool sunny day.

ATTACHMENTS

Photos of site have been taken and placed on file.

Floyd Bartlett
DOGM REPRESENTATIVE

05/10/2006 11:45 AM
DATE/TIME

**E. Evaluation Ranking Criteria and Ranking Scale
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>20</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility		
Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 40 (Level II Sensitivity)

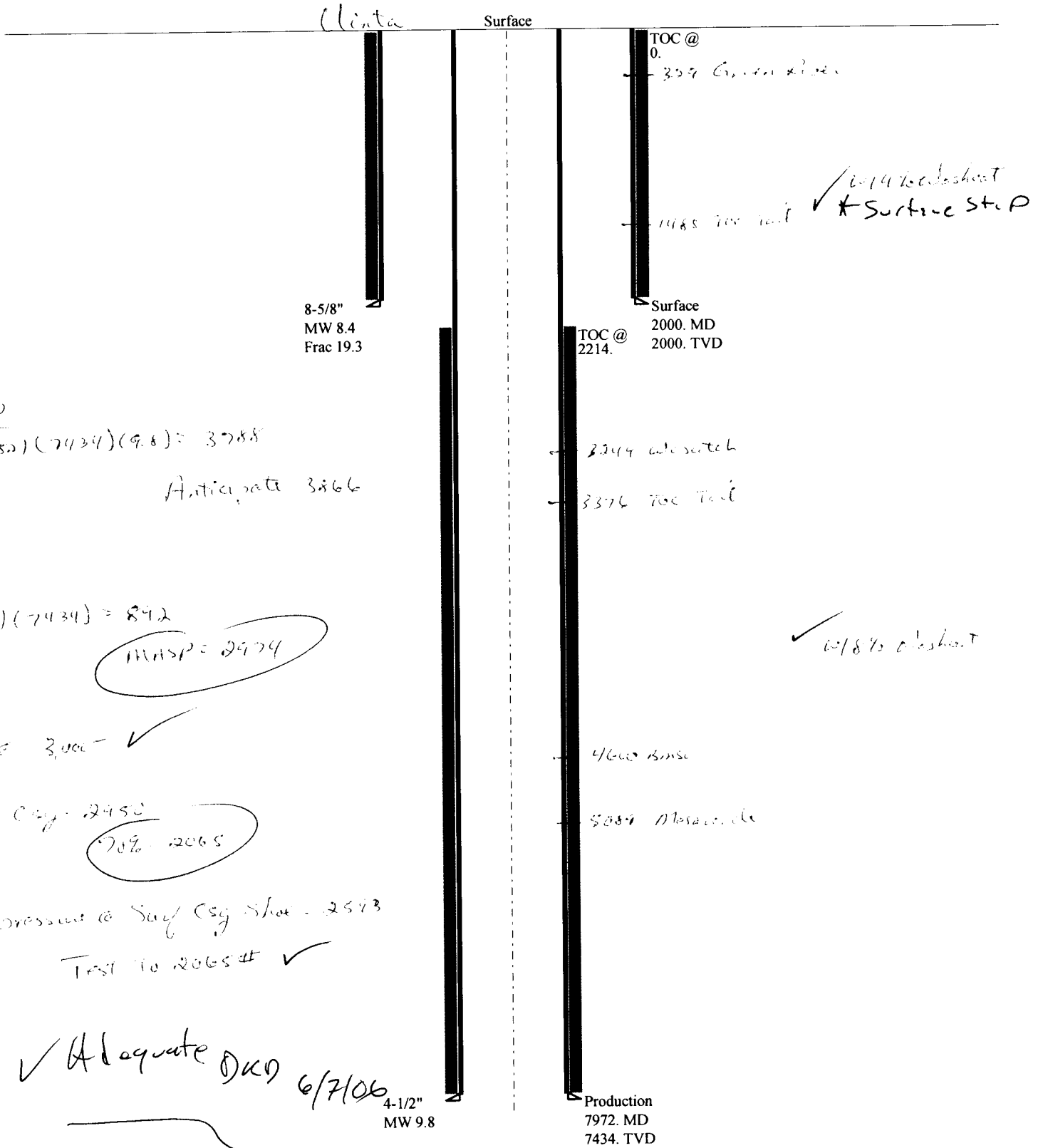
Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

5-06 Enduring Rock House - 23-31-2

Casing Schematic



05-06 Enduring Rock House 11-23-31-2	
Well name:	
Operator:	Enduring Resource, LLC
String type:	Surface
	Project ID: 43-047-38031
Location:	Uintah County

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 103 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 500 ft

Cement top: 0 ft

Burst

Max anticipated surface pressure: 1,760 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,000 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,748 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,434 ft
Next mud weight: 9.800 ppg
Next setting BHP: 3,785 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,000 ft
Injection pressure 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	8.625	24.00	J-55	ST&C	2000	2000	7.972	96.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	1370	1.570	2000	2950	1.47	42	244	5.82 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: May 18, 2006
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	05-06 Enduring Rock House 11-23-31-2	
Operator:	Enduring Resource, LLC	Project ID:
String type:	Production	43-047-38031
Location:	Uintah County	

Design parameters:

Collapse

Mud weight: 9.800 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 179 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 2,214 ft

Burst

Max anticipated surface pressure: 1,210 psi
Internal gradient: 0.346 psi/ft
Calculated BHP 3,785 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Directional well information:

Kick-off point 0 ft
Departure at shoe: 1444 ft
Maximum dogleg: 5 °/100ft
Inclination at shoe: 0 °

Tension is based on buoyed weight.

Neutral point: 6,883 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7972	4.5	11.60	N-80	LT&C	7434	7972	3.875	184.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3785	6350	1.678	3785	7780	2.06	74	223	3.03 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: May 18,2006
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7434 ft, a mud weight of 9.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

June 7, 2006

Enduring Resources, LLC
475 17th St., Ste. 1500
Denver, CO 80202

Re: Rock House 11-23-31-2 Well, 2606' FNL, 2492' FEL, SW NE, Sec. 2,
T. 11 South, R. 23 East, Bottom Location 1258' FNL, 1984' FEL, NW NE,
Sec. 2, T. 11 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38031.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Enduring Resources, LLC
Well Name & Number Rock House 11-23-31-2
API Number: 43-047-38031
Lease: ML-47087

Location: SW NE **Sec.** 2 **T.** 11 South **R.** 23 East
Bottom Location: NW NE **Sec.** 2 **T.** 11 South **R.** 23 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

5. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

Page 2
43-047-38031
June 7, 2006

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7. Surface casing shall be cemented to the surface.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML-47087	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: Enduring Resources, LLC		9. WELL NAME and NUMBER: Rock House 11-23-31-2	
3. ADDRESS OF OPERATOR: 475 17th St., Ste 1500 CITY Denver STATE CO ZIP 80220		PHONE NUMBER: (303) 350-5114	10. FIELD AND POOL, OR WILDCAT: Undesignated Rock House
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2606' FNL - 2492' FEL SWNE AT PROPOSED PRODUCING ZONE: 1258' FNL - 1984' FEL NWNE 644560 X 4416825 Y 39.891068 - 109.301237 644708 X 4417239 Y 39.894767 - 109.307409		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 2 11S 23E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 75.7 miles from Vernal, Utah		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 2492' BHL	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1200'+ BHL (surface is 25')	19. PROPOSED DEPTH: 7,435	20. BOND DESCRIPTION: RLB0008031	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5564 KB-RT	22. APPROXIMATE DATE WORK WILL START: 7/1/2006	23. ESTIMATED DURATION: 20 days	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
20"	14" line pipe	40	3 yards	Ready Mix		
11"	8-5/8" J-55 24#	2,000	Premium Lead	138 sxs	3.50	11.1
			Premium Tail	138 sxs	1.15	15.8
7-7/8"	4-1/2" N-80 11.6#	7,435	Class G	100 sxs	3.3	11.0
			50/50 Poz Class G	837 sxs	1.56	14.3

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE [Signature] DATE 4/18/2006

(This space for State use only)

API NUMBER ASSIGNED: 43-047-38031

(11/2001)

(See Instructions on Reverse Side)

Approved by the
Utah Division of
Oil, Gas and Mining

APPROVAL:

Date: 4-18-06

By: [Signature]

RECEIVED
APR 25 2006

DIV. OF OIL, GAS & MINING

Sec. 34

S89°59'W - 39.95 (G.L.O.)
S89°53'57"W - 2577.95' (Meas.)

Found 1994
Alum. Cap in
pile of Stones
/ Sec. 35

WELL LOCATION, ROCK HOUSE
11-23-31-2D, LOCATED AS SHOWN IN
LOT 7 OF SECTION 2, T11S, R23E,
S.L.B.&M. UINAH COUNTY, UTAH.

1. Well footages are measured at right angles to the Section Lines.
2. The Bottom of hole bears N20°52'31"E 1443.45' from the well surface position.
3. Bearings are based on Global Positioning Satellite observations.
4. Basis of elevation is triangulation station JEK 19 ET 1966 which is located near the South 1/4 corner of Section 8, T11S, R23E, S.L.B.&M. The elevation of this triangulation station is marked on the Archy Bench SE 7.5 min. Quadrangle as being 6054'.

▲ = SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF AERIAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

38 WEST 100 NORTH. - VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED:
12-29-05

SURVEYED BY: D.J.S.

DATE DRAWN:
01-11-06

DRAWN BY: M.W.W.

SCALE: 1" = 1000'

Date Last Revised:	
--------------------	--

SHEET

2b

OF 11

ROCK HOUSE 11-23-31-2D
(Bottom Hole) NAD 83 Autonomous
LATITUDE = 39° 53' 41.06"
LONGITUDE = 109° 18' 29.12"

ROCK HOUSE 11-23-31-2D
(Surface Position) NAD 83 Autonomous
 LATITUDE = 39° 53' 27.74"
 LONGITUDE = 109° 18' 35.73"

Found 1922
Brass Cap
in pile of
Stones

From: Ed Bonner
To: Whitney, Diana
Date: 5/24/2006 9:24:01 AM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Enduring Resources, LLC

Buck Camp 12-22-33-2
Rock House 11-23-24-2
Rock House 11-23-33-2
Rock House 11-23-34-2
Rock House 11-23-41-2
Rock House 11-23-31-2
Rock House 11-23-43-2
Rock House 11-23-21-2
Rock House 11-23-44-2

EOG Resources, Inc
Petes Wash 10-36

Gasco Production Company
Uteland State 34-2-10-18
Uteland State 14-2-10-18

Kerr McGee Oil & Gas Onshore LP

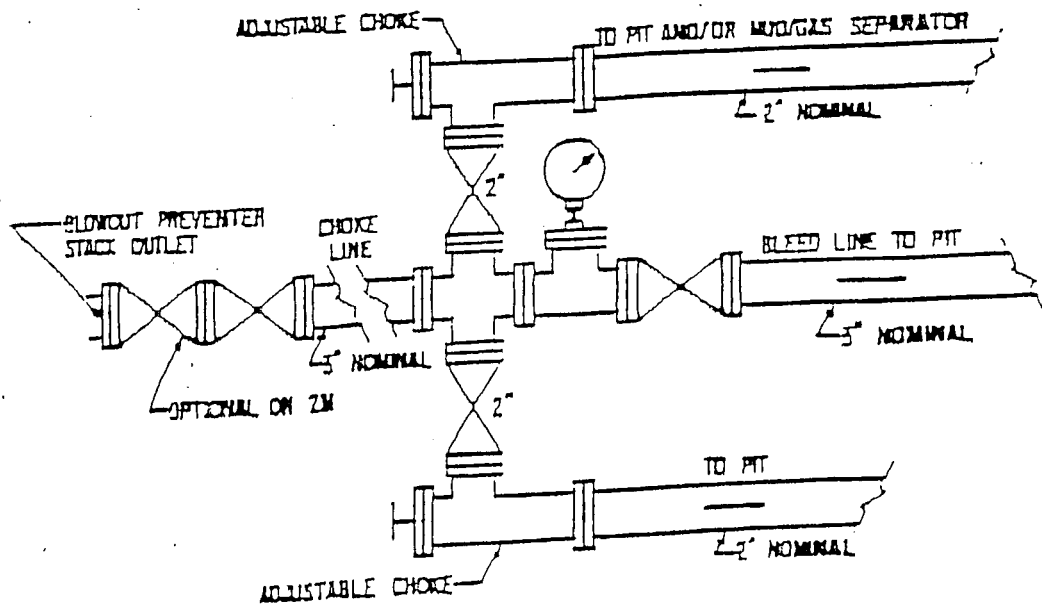
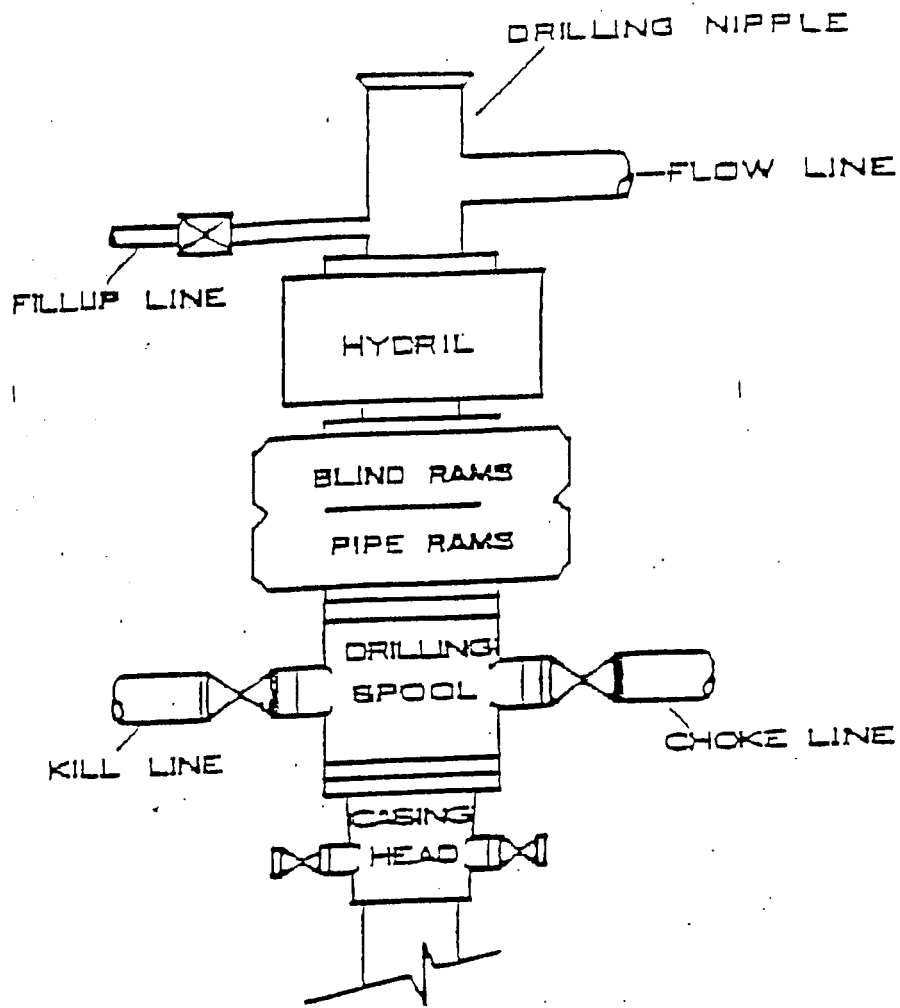
NBU 921-32I
NBU 921-32J
NBU 921-32K (1 significant site which must be avoided,
operator must follow recommendation of arch consultant)

If you have any questions regarding this matter please give me a call.

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

3,000 PSI

BOP STACK



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
Enduring Resources, LLC

3. ADDRESS OF OPERATOR:
475 17th Street, Suite 1500 CITY: Denver STATE: CO ZIP: 80202

PHONE NUMBER:
(303) 350-5114

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2606' FNL - 2492' FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 2 11S 23E S

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-47087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
n/a

7. UNIT or CA AGREEMENT NAME:
n/a

8. WELL NAME and NUMBER:
Rock House 11-23-31-2

9. API NUMBER:
4304738031

10. FIELD AND POOL, OR WILDCAT:
Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Request for APD Extension
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill

FROM: 6/7/2007
TO: 6/7/2008

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED

JUN 06 2007

DIV. OF OIL, GAS & MINING

Date: 06-06-07

By: [Signature]

COPY SENT TO OPERATOR
Date: 6-6-07
Initials: [Signature]

NAME (PLEASE PRINT) Evette Bissett

TITLE Regulatory Affairs Assistant

SIGNATURE

[Signature]

DATE

6/4/2007

(This space for State use only)

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738031
Well Name: Rock House 11-23-31-2
Location: 2606' FNL - 2492' FEL, SWNE, Sec 2, T11S-R23E
Company Permit Issued to: Enduring Resources
Date Original Permit Issued: 6/7/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Quetta Bissett
Signature

6/4/2007
Date

Title: Regulatory Affairs Assistant

Representing: Enduring Resources, LLC

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

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PHONE NUMBER:
(303) 350-5114

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2606' FNL - 2492' FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 2 11S 23E S

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-47087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
n/a

7. UNIT or CA AGREEMENT NAME:
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8. WELL NAME and NUMBER:
Rock House 11-23-31-2

9. API NUMBER:
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10. FIELD AND POOL, OR WILDCAT:
Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill

FROM: 6/6/2008
TO: 6/6/2009

Approved by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 6.10.2008

Initials: KS

Date: 06-09-08
By: [Signature]

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman

SIGNATURE [Signature]

DATE 6/1/2008

(This space for State use only)

RECEIVED
JUN 06 2008
DIV. OF OIL, GAS & MINING



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

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Is bonding still in place, which covers this proposed well? Yes ☒ No ☐



Signature

6/1/2008

Date

Title: Landman

Representing: Enduring Resources, LLC

RECEIVED
JUN 06 2008
DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 1, 2009

Enduring Resources, LLC.
475 17th Street, Suite 1500
Denver, CO 80202

Re: APD Rescinded – Rock house 11-23-31-2, Sec.2, T. 11S, R. 23E,
Uintah County, Utah API No. 43-047-38031

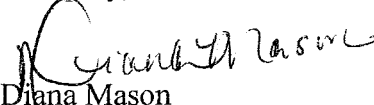
Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on July 7, 2006. On June 6, 2007 and June 9, 2008 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective July 1, 2009.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner

